

# SQL Pre\_Workshop

Vanessa Casillas  
Graduate Fellow

# Steps

1. Download MySQL: <https://dev.mysql.com/downloads/workbench/> (free)
2. Download DataGrip: <https://www.jetbrains.com/datagrip/> (you can use 30-day trial)
3. (optional) get license for DataGrip:  
<https://www.jetbrains.com/community/education/#students> (good for a year)

# Downloading and Setting up MySQL

# Website for MySQL

https://www.mysql.com

The MySQL logo is displayed on the left, followed by the text "The world's most popular open source database". A search bar is located to the right of the logo.

The main navigation menu includes: MYSQL.COM (highlighted with a red circle), DOWNLOADS, DOCUMENTATION, and DEVELOPER ZONE.

Below the menu, there are links to: Products, Cloud, Services, Partners, Customers, Why MySQL?, News & Events, and How to Buy.

A social media footer bar at the bottom right includes icons for Facebook, Twitter, LinkedIn, YouTube, and a speech bubble.

## MySQL Database Service with HeatWave

New! AutoPilot for ML Automation  
5400x Faster than Amazon RDS  
1400x Faster than Amazon Aurora

[LEARN MORE](#)

### MySQL Database Service with HeatWave

MySQL Database Service is a fully managed database service to deploy cloud-native applications. HeatWave, an integrated, high-performance query accelerator boosts MySQL performance by 5400x.

[Learn More »](#)

### MySQL Enterprise Edition

The most comprehensive set of advanced features, management tools and technical support to achieve the highest levels of MySQL scalability, security, reliability, and uptime.

[Learn More »](#)

### MySQL for OEM/ISV

Over 2000 ISVs, OEMs, and VARs rely on MySQL as their products' embedded database to make their applications, hardware and appliances more competitive, bring them to market faster, and lower their cost of goods sold.

[Learn More »](#)

### MySQL Cluster CGE

MySQL Cluster enables users to meet the database challenges of next generation web, cloud, and communications services with uncompromising scalability, uptime and agility.

[Learn More »](#)

## Free Webinars

- Disaster Recovery with MySQL InnoDB ClusterSet - What is it and how do I use it?  
Thursday, December 02, 2021
- MySQL Database Architectures - Disaster Recovery Solutions  
Thursday, December 02, 2021

## White Papers

- HeatWave: Real-time Analytics for MySQL Database Service
- MySQL Database Service with HeatWave
- What's New in MySQL 8.0
- MySQL Enterprise Edition and GDPR

# Download Page for MySQL

The screenshot shows the MySQL Downloads page at <https://www.mysql.com/downloads/>. The page features the MySQL logo and navigation links for MySQL.COM, DOWNLOADS (circled in red), DOCUMENTATION, and DEVELOPER ZONE. The main content highlights the MySQL Database Service with HeatWave, Faster Performance, and Lower Total Cost of Ownership. A 'Try Now' button is visible. The left sidebar contains sections for Free Webinars, MySQL Enterprise Edition, MySQL Cluster CGE, and Contact Sales. The right sidebar includes MySQL Community (GPL) Downloads (circled in red).

The MySQL Database Service with HeatWave

**Faster Performance**

- 5400x Faster than Amazon RDS
- 1400x Faster than Amazon Aurora
- 6.5x Faster than Amazon Redshift AQUA
- 7x Faster than Snowflake

**Lower Total Cost of Ownership**

- 2/3 the cost of Amazon RDS
- 1/2 the cost of Amazon Aurora
- 1/2 the cost of Amazon Redshift AQUA
- 1/5 the cost of Snowflake

[Try Now](#)

**Free Webinars**

Disaster Recovery with MySQL InnoDB ClusterSet - What is it and how do I use it?  
Thursday, December 02, 2021

MySQL Database Architectures - Disaster Recovery Solutions  
Thursday, December 02, 2021

Deploy and Run MySQL Applications on OKE and MySQL Database Service  
Tuesday, December 14, 2021

[More »](#)

**Contact Sales**

USA: +1-866-221-0634  
Canada: +1-866-221-0634

Germany: +49 89 143 01280  
France: +33 1 57 60 83 57  
Italy: +39 02 249 59 120  
UK: +44 207 553 8447

Japan: 0120-065556  
China: 10800-811-0823  
India: 0008001005870

**MySQL Enterprise Edition**

MySQL Enterprise Edition includes the most comprehensive set of advanced features, management tools and technical support for MySQL.

[Learn More »](#)  
[Customer Download »](#)  
[Trial Download »](#)

**MySQL Cluster CGE**

MySQL Cluster is a real-time open source transactional database designed for fast, always-on access to data under high throughput conditions.

- MySQL Cluster
- MySQL Cluster Manager
- Plus, everything in MySQL Enterprise Edition

[Learn More »](#)  
[Customer Download » \(Select Patches & Updates Tab, Product Search\)](#)  
[Trial Download »](#)

[MySQL Community \(GPL\) Downloads »](#)

# Microsoft Windows

← → ⌂ https://dev.mysql.com/downloads/ ⌂

QCL Email Grad Fellows Teams QCL Zoom Localist Qualtrics Bitly Box QCL webpage Workday Github Dashboard Events Home | Qualtrics Expe...

## MySQL Community Downloads

- MySQL Yum Repository
- MySQL APT Repository
- MySQL SUSE Repository
- MySQL Community Server
- MySQL Cluster
- MySQL Router
- MySQL Shell
- MySQL Workbench
- MySQL Installer for Windows
- MySQL for Visual Studio
- C API (libmysqlclient)
- Connector/C++
- Connector/J
- Connector/.NET
- Connector/Node.js
- Connector/ODBC
- Connector/Python
- MySQL Native Driver for PHP
- MySQL Benchmark Tool
- Time zone description tables
- Download Archives

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# MySQL Community Downloads

The screenshot shows a web browser window with the URL <https://dev.mysql.com/downloads/file/?id=507824>. The page title is "MySQL Community Downloads". It features a "Login Now or Sign Up for a free account." section. Below it, a list of advantages for an Oracle Web Account includes fast access to MySQL software downloads, technical White Papers and Presentations, MySQL Discussion Forums, and the MySQL bug system. Two buttons are present: "Login »" (using my Oracle Web account) and "Sign Up »" (for an Oracle Web account). A note states that MySQL.com uses Oracle SSO for authentication. At the bottom, a red oval highlights the "No thanks, just start my download." link.

MySQL Community Downloads

Login Now or Sign Up for a free account.

An Oracle Web Account provides you with the following advantages:

- Fast access to MySQL software downloads
- Download technical White Papers and Presentations
- Post messages in the MySQL Discussion Forums
- Report and track bugs in the MySQL bug system

[Login »](#)  
using my Oracle Web account

[Sign Up »](#)  
for an Oracle Web account

MySQL.com is using Oracle SSO for authentication. If you already have an Oracle Web account, click the Login link. Otherwise, you can signup for a free account by clicking the Sign Up link and following the instructions.

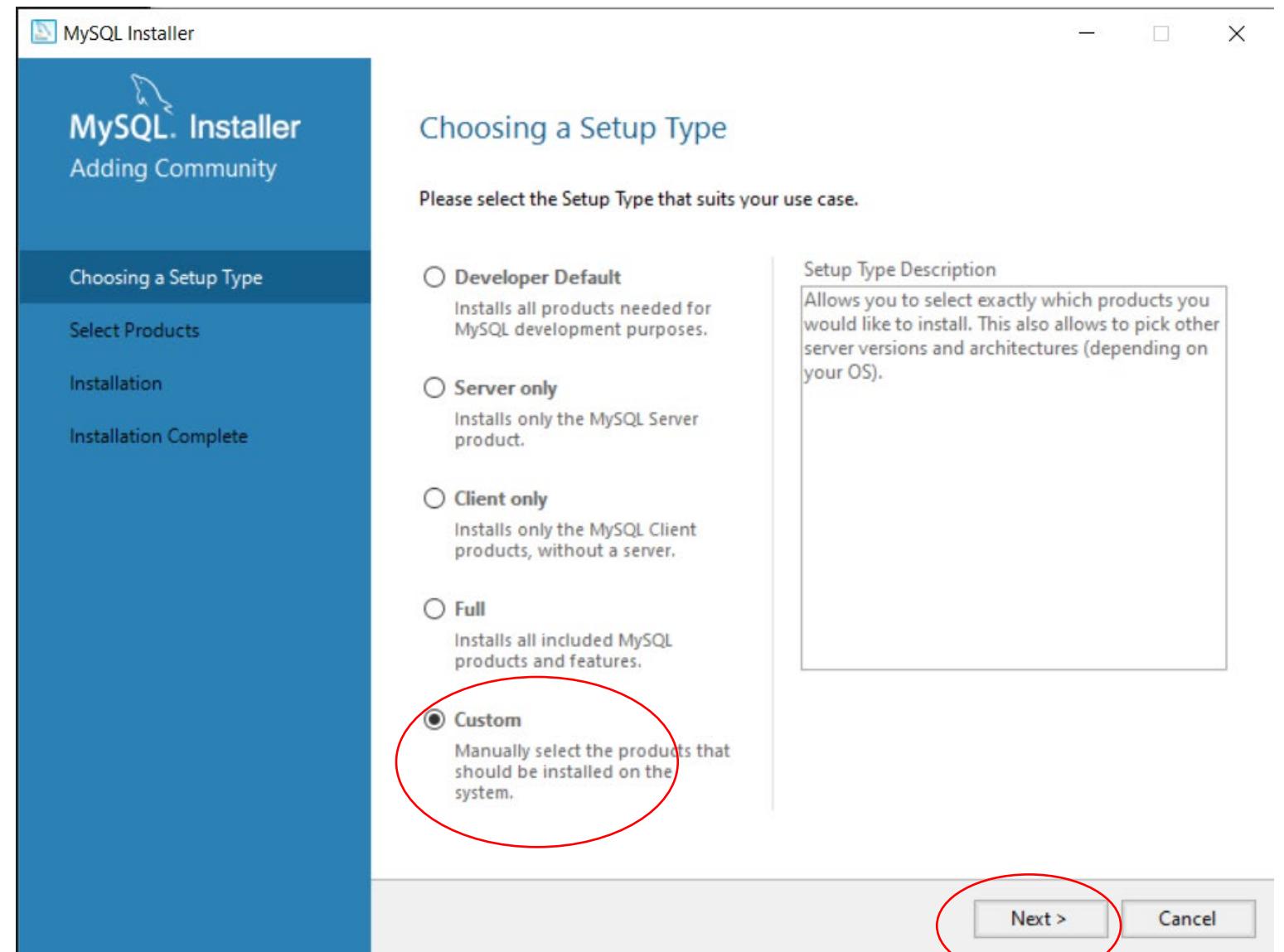
No thanks, just start my download.

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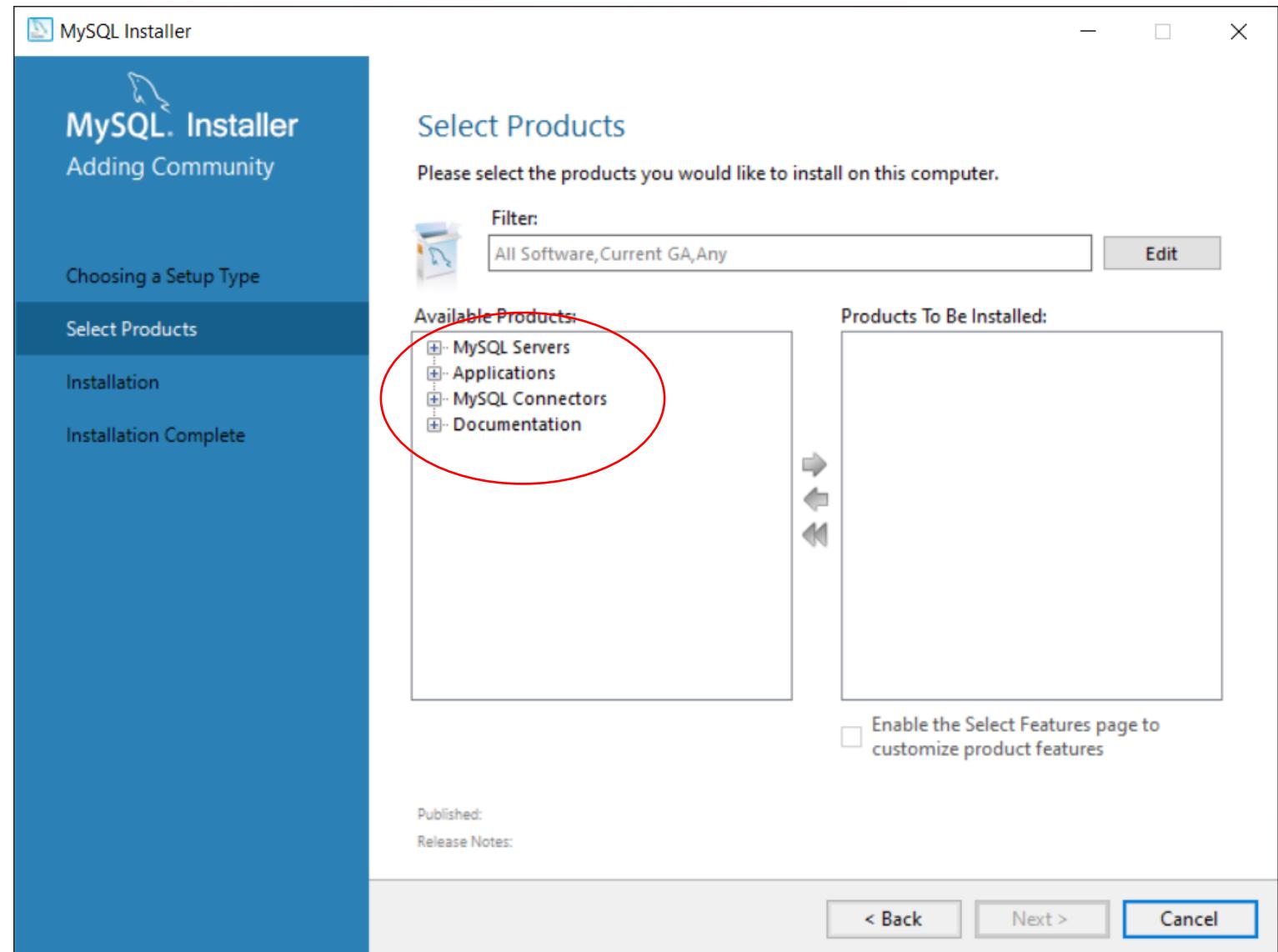
[Legal Policies](#) | [Your Privacy Rights](#) | [Terms of Use](#) | [Trademark Policy](#) | [Contributor Agreement](#) | [Cookie Preferences](#)

# Microsoft Office – MySQL Installer

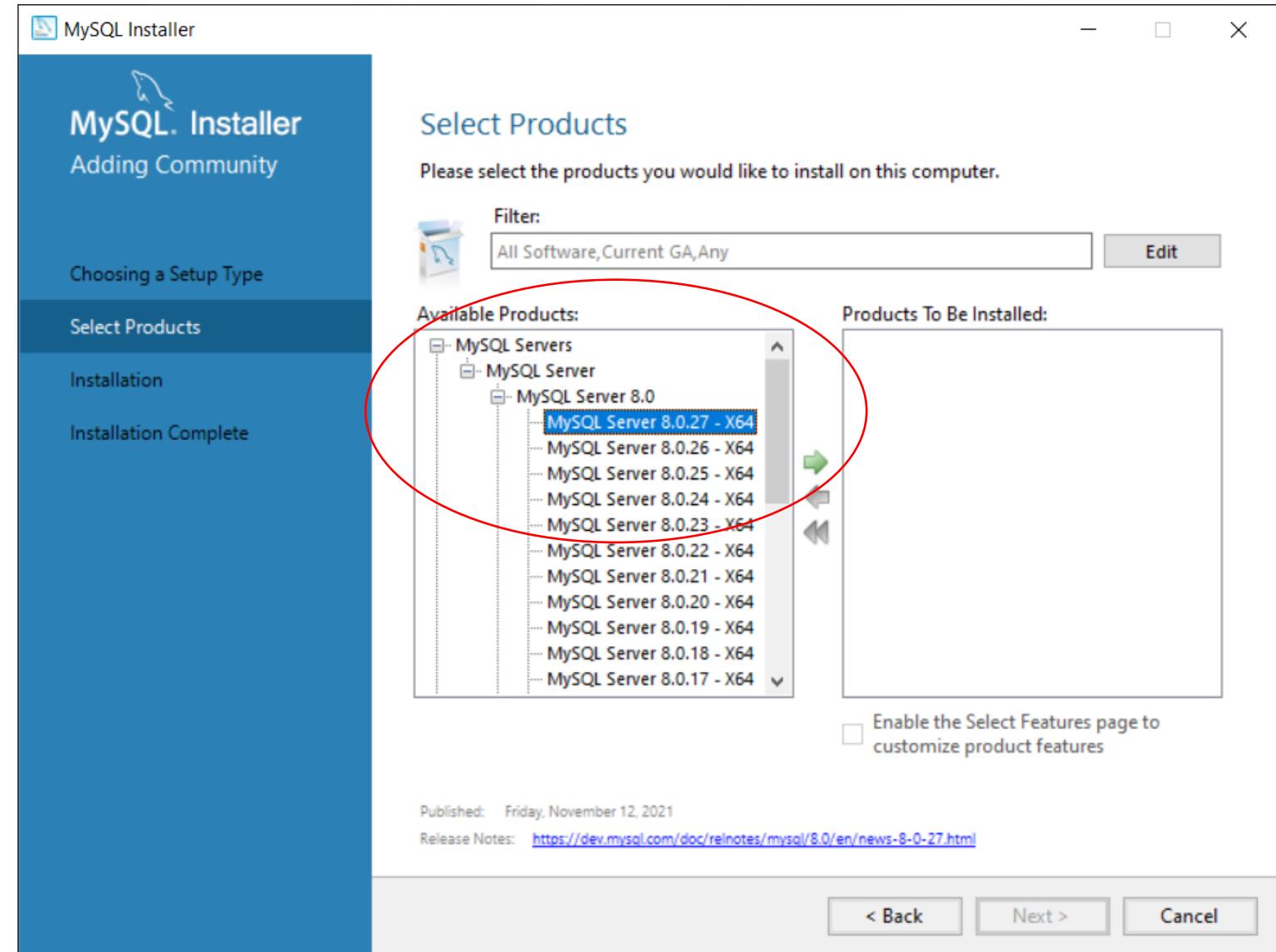
# Microsoft Office – MySQL Installer



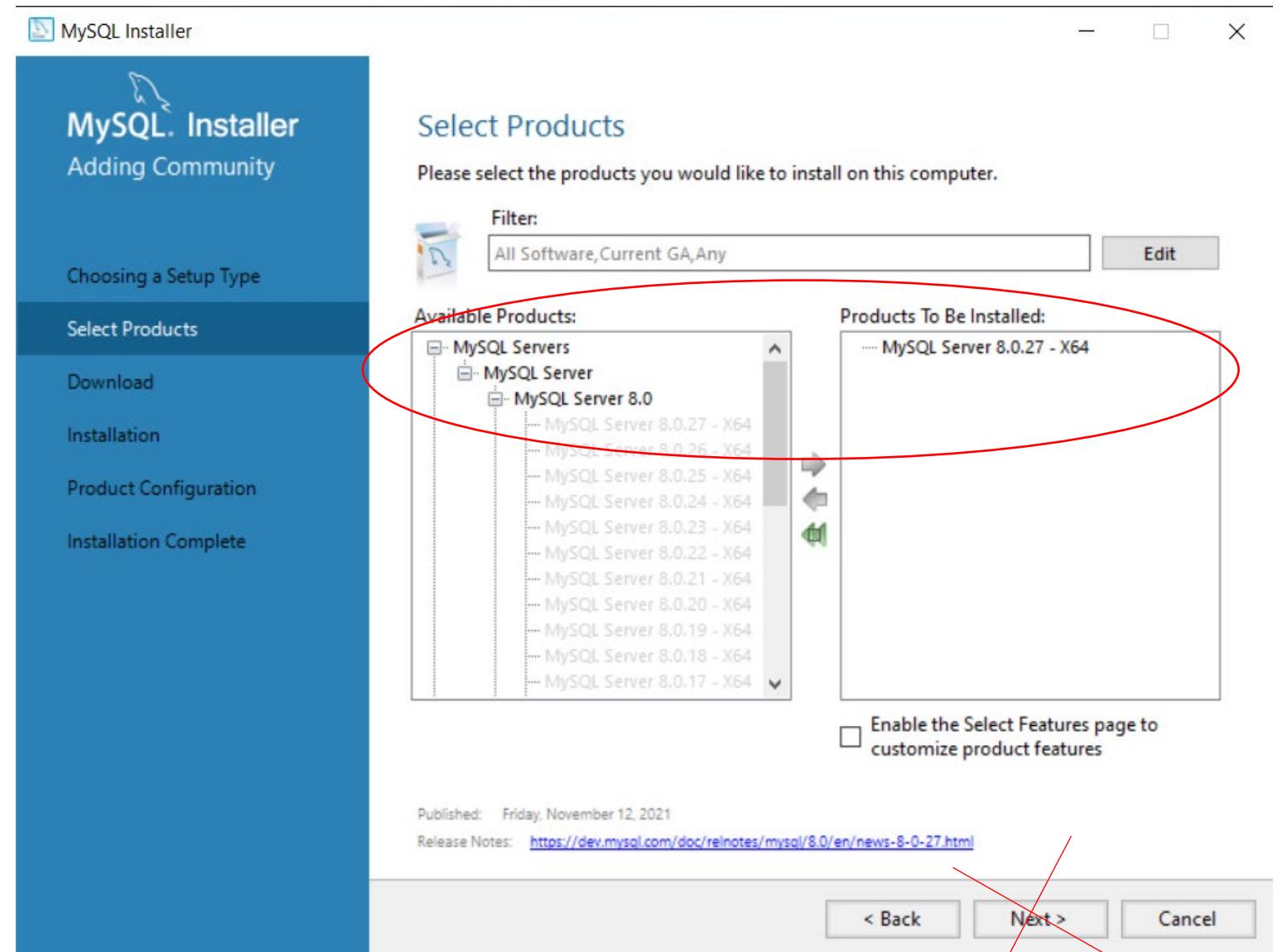
# Microsoft Office – MySQL Installer



# Microsoft Office – MySQL Installer

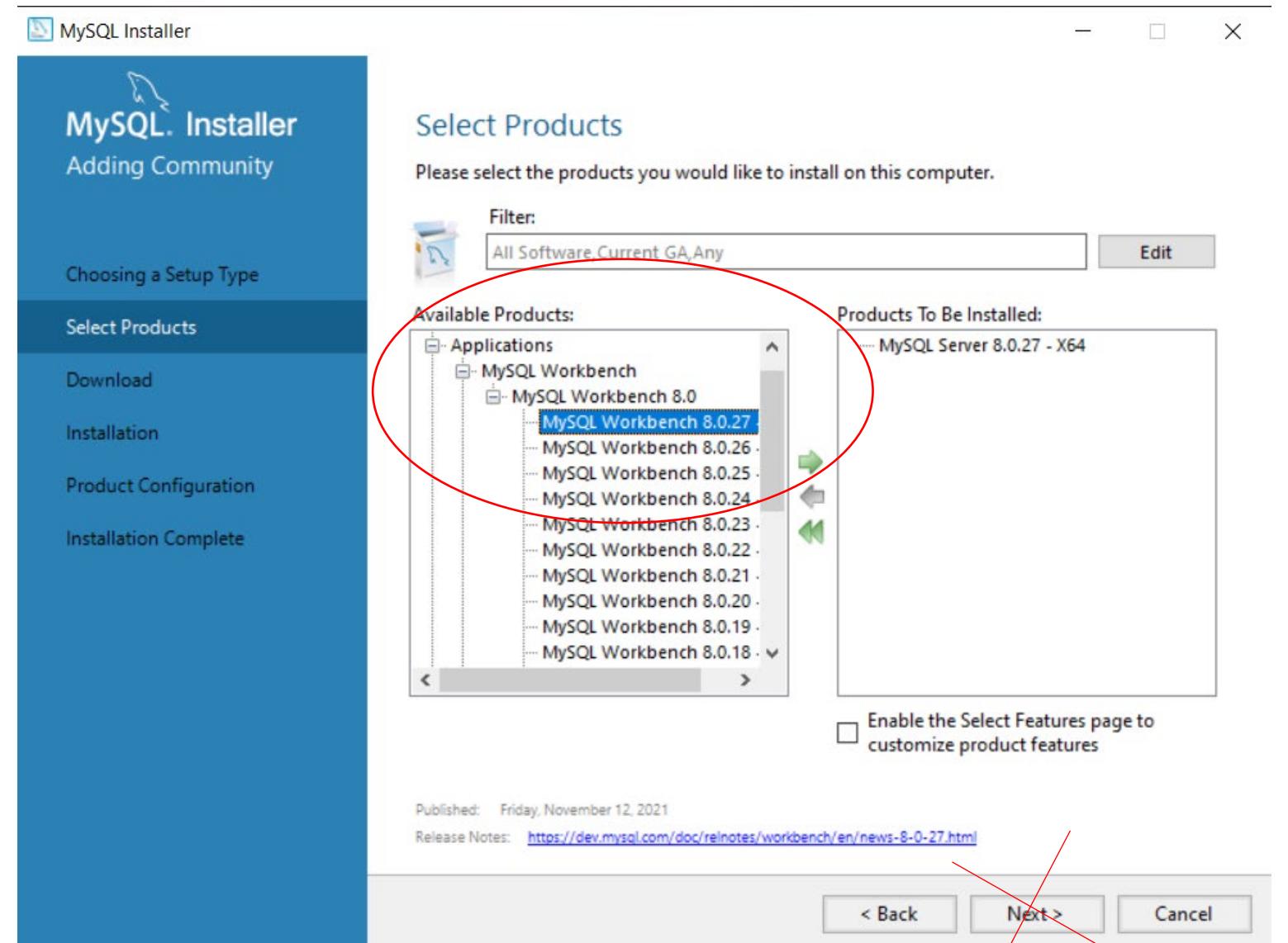


# Microsoft Office – MySQL Installer



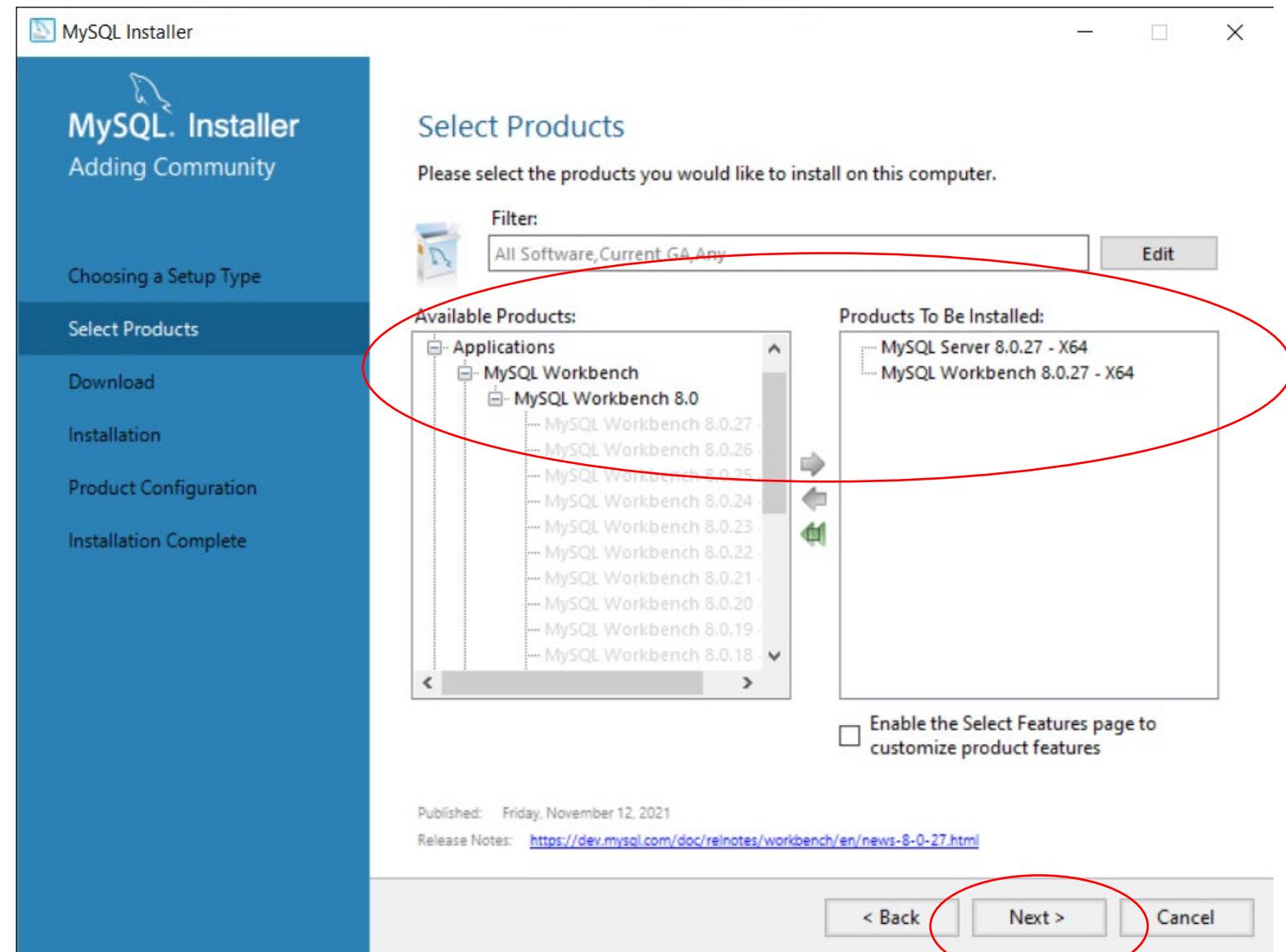
Do not click next yet

# Microsoft Office – MySQL Installer

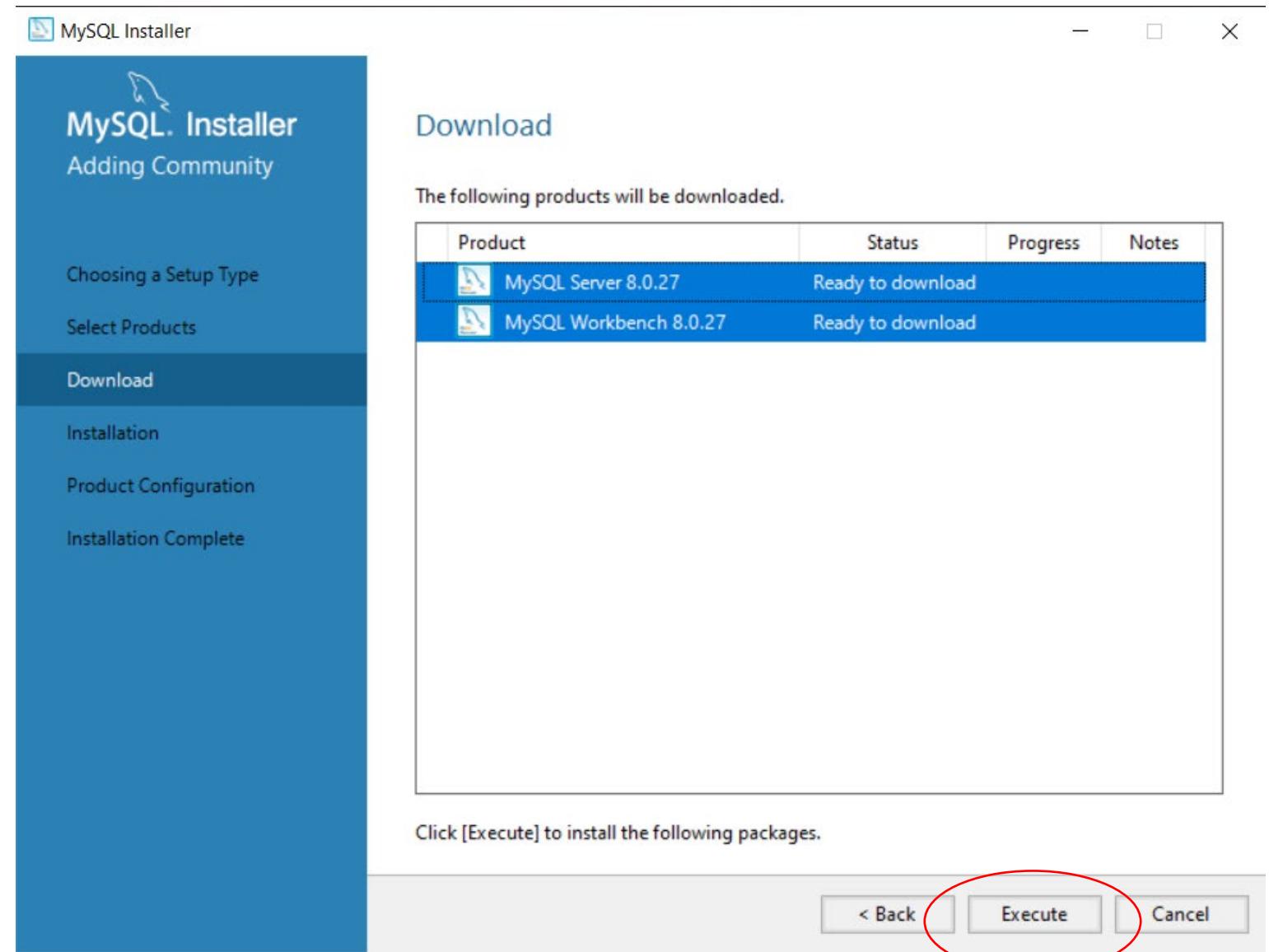


Do not click next yet

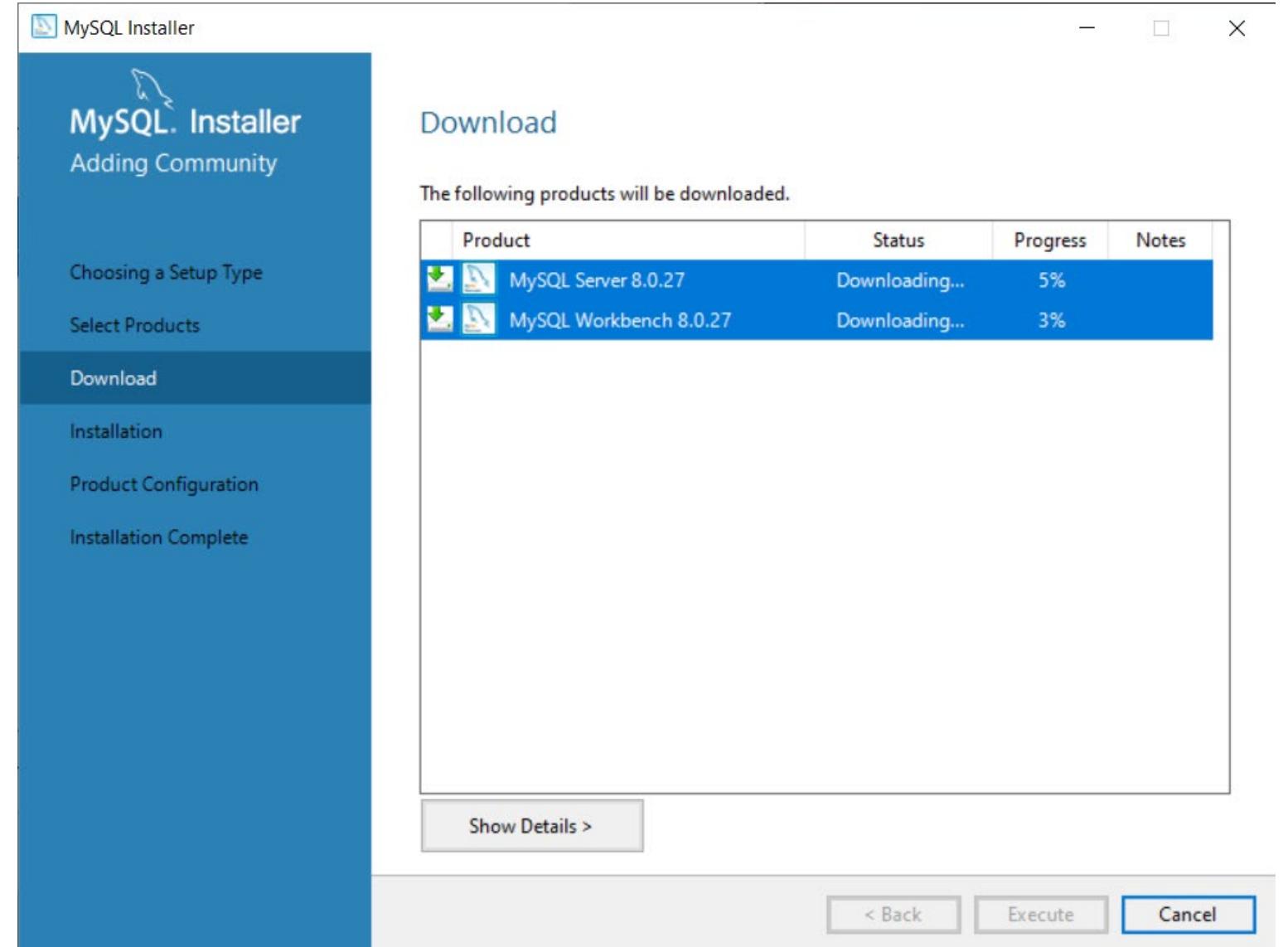
# Microsoft Office – MySQL Installer



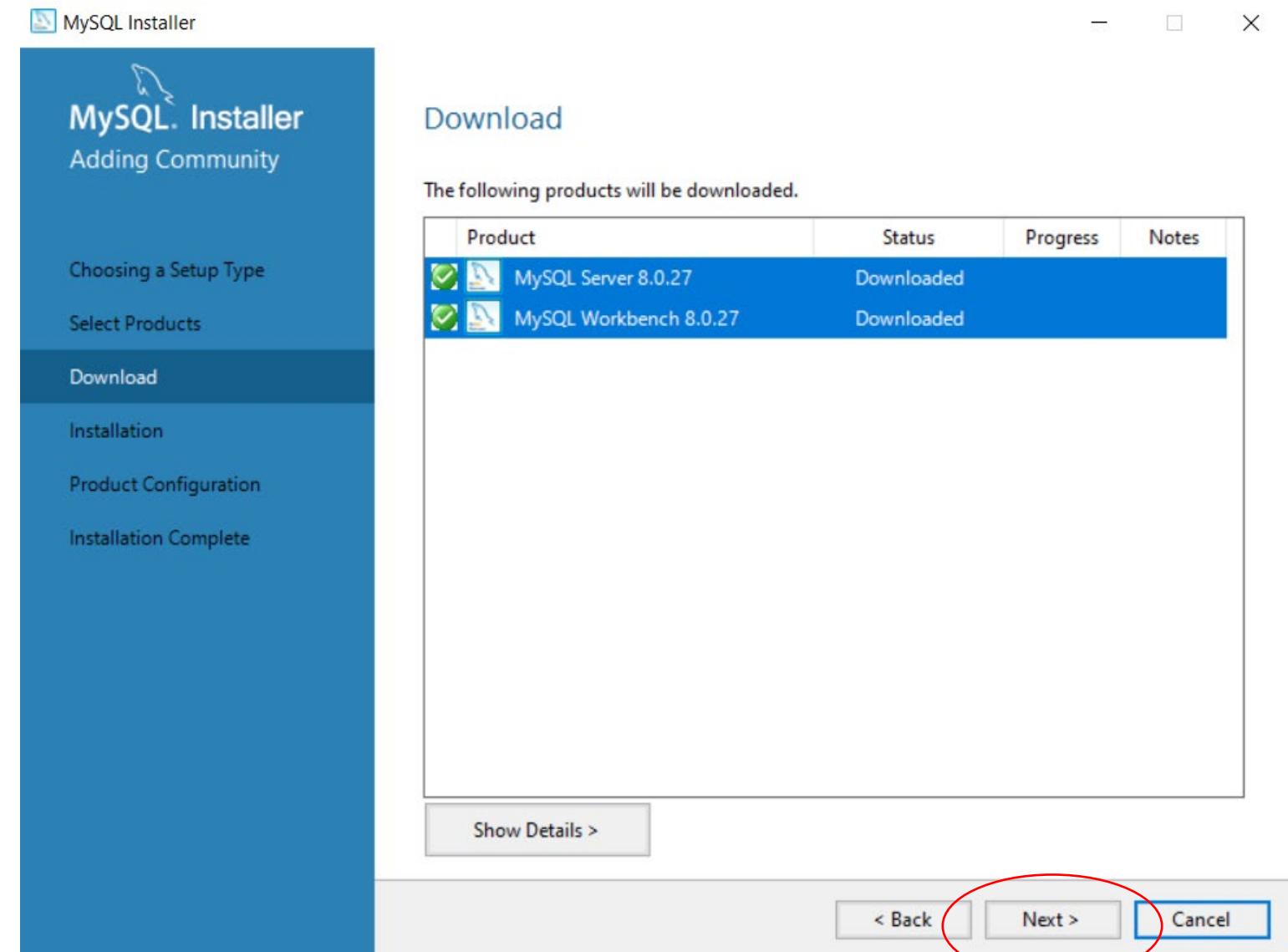
# Microsoft Office – MySQL Installer



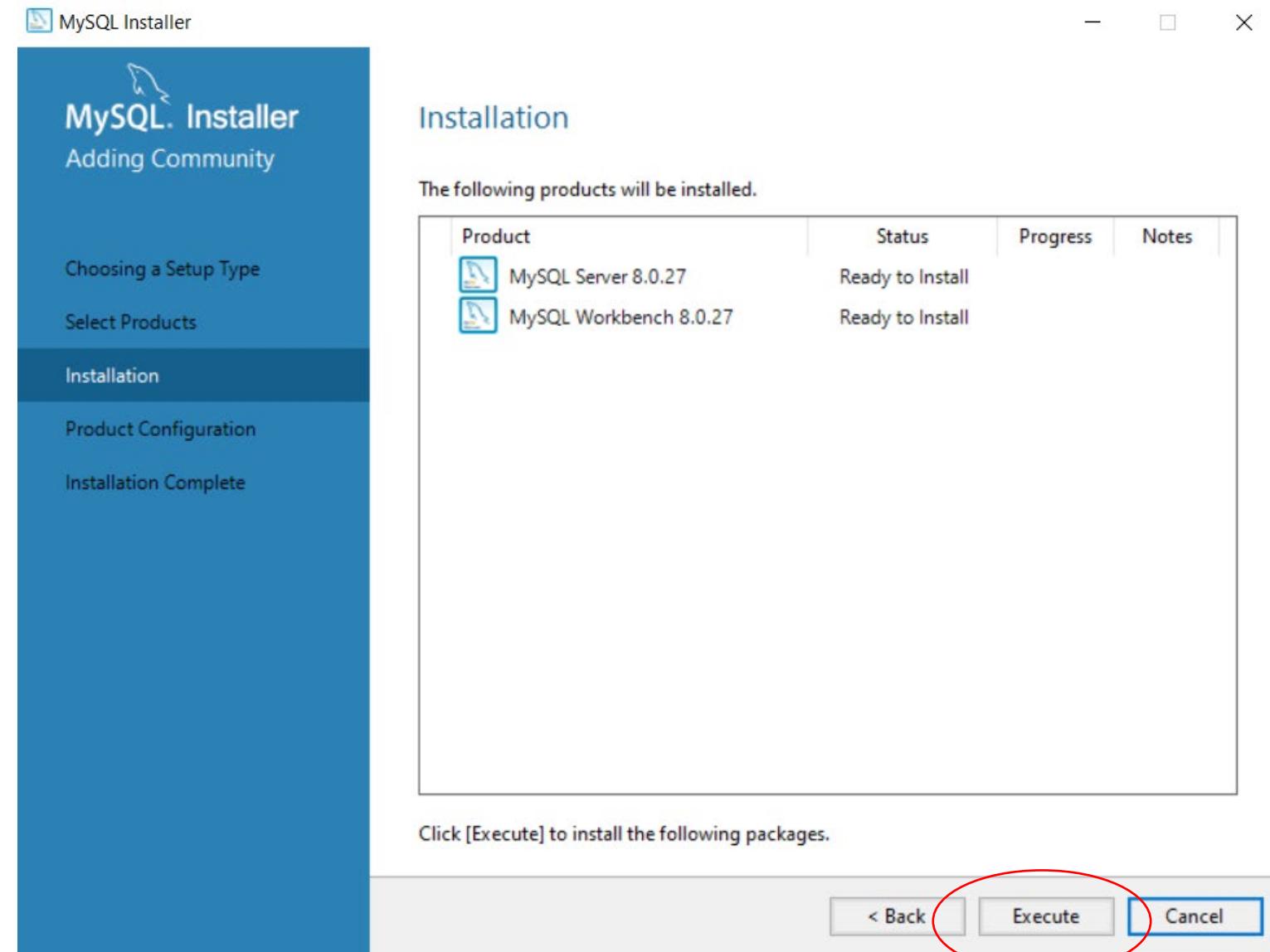
# Microsoft Office – MySQL Installer



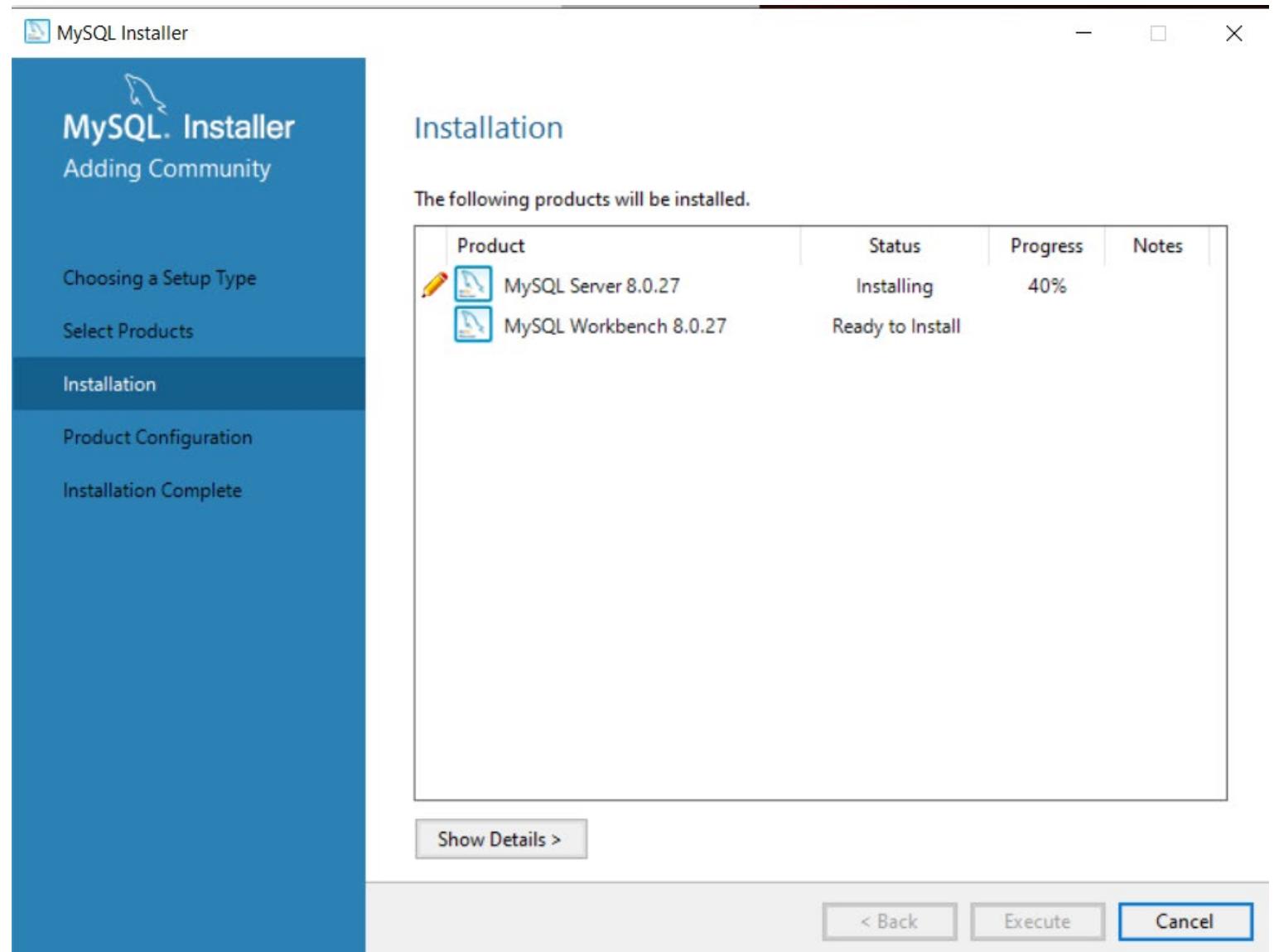
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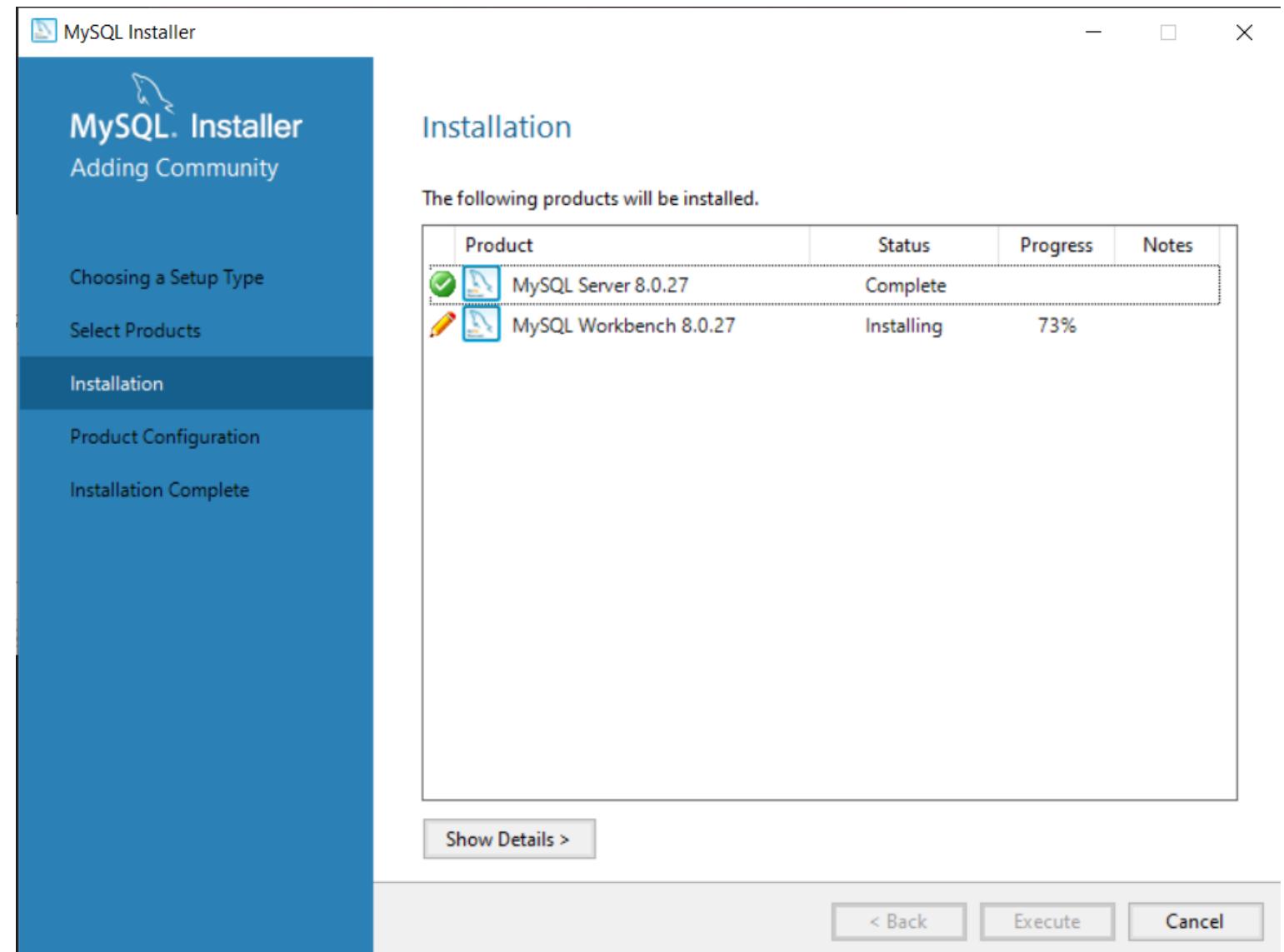
# Microsoft Office – MySQL Installer



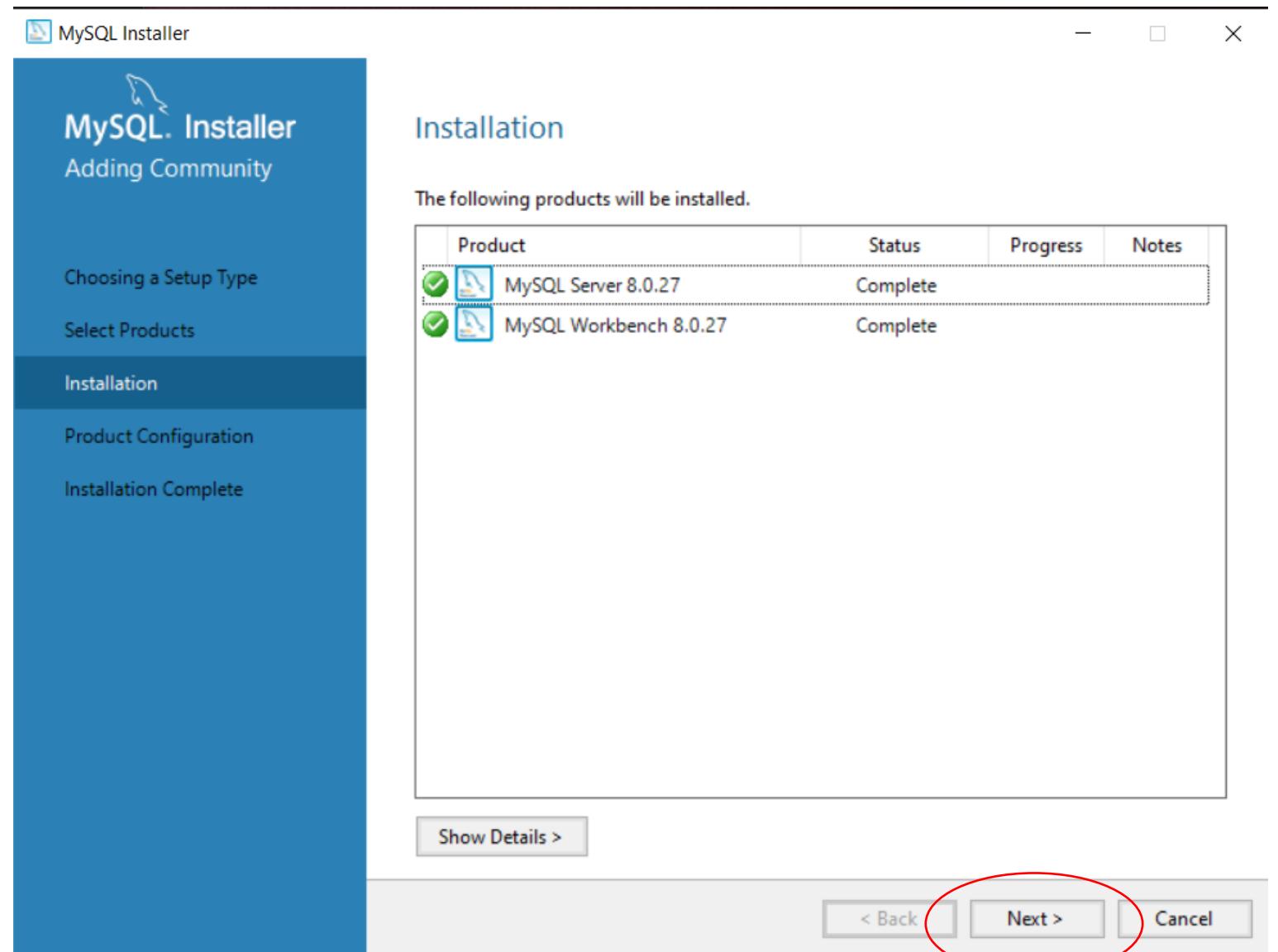
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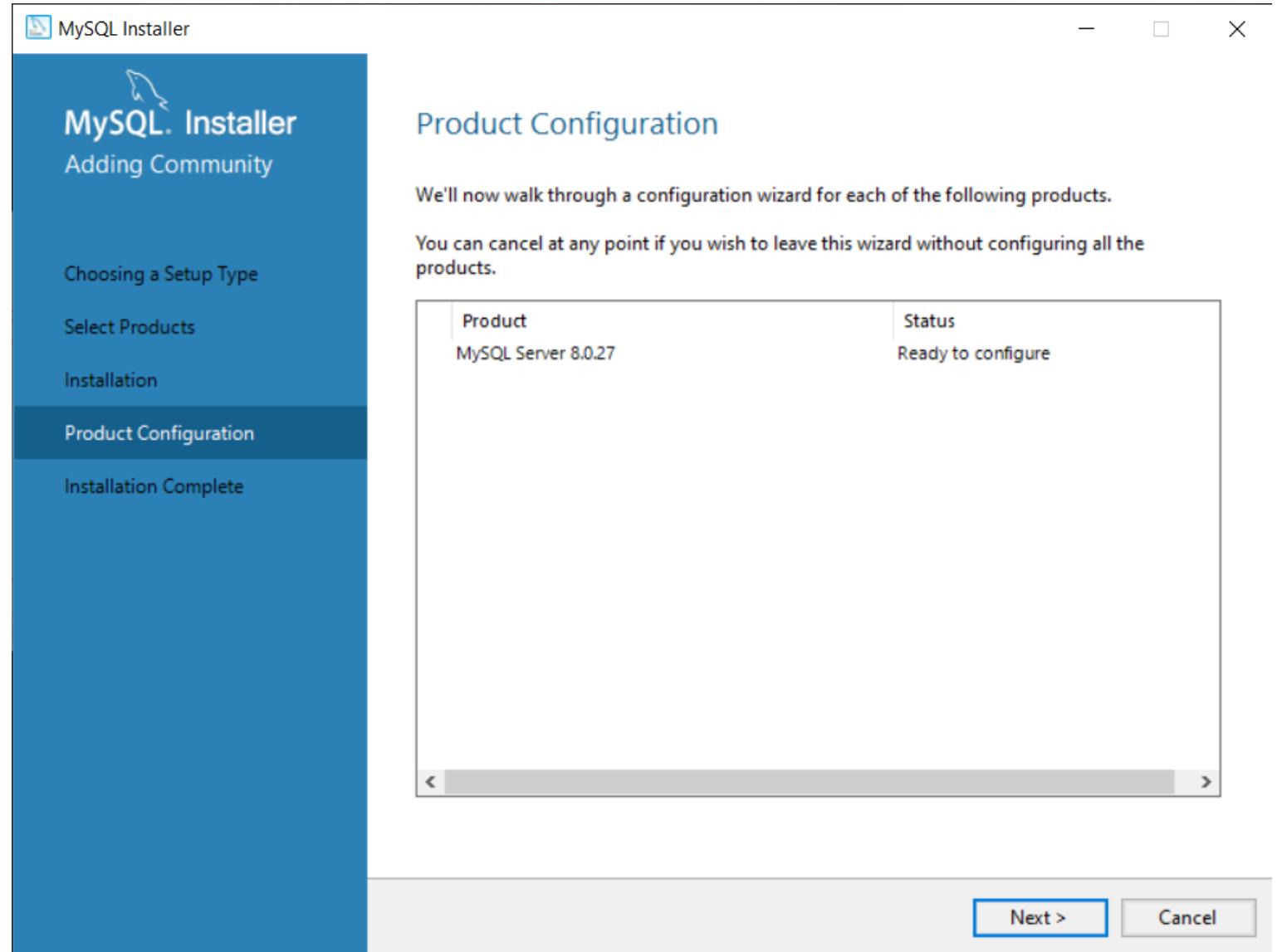
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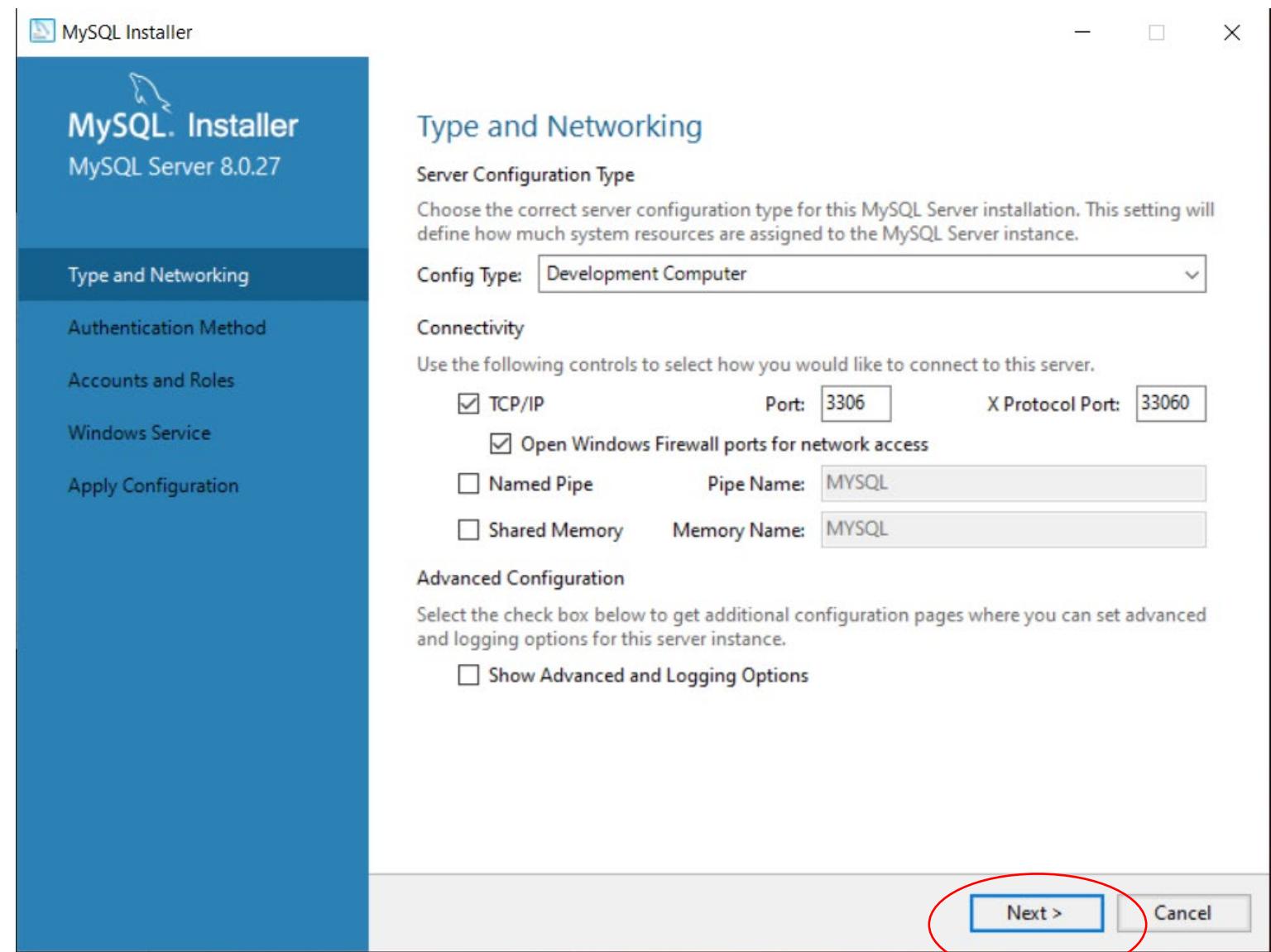
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# Microsoft Office – MySQL Installer

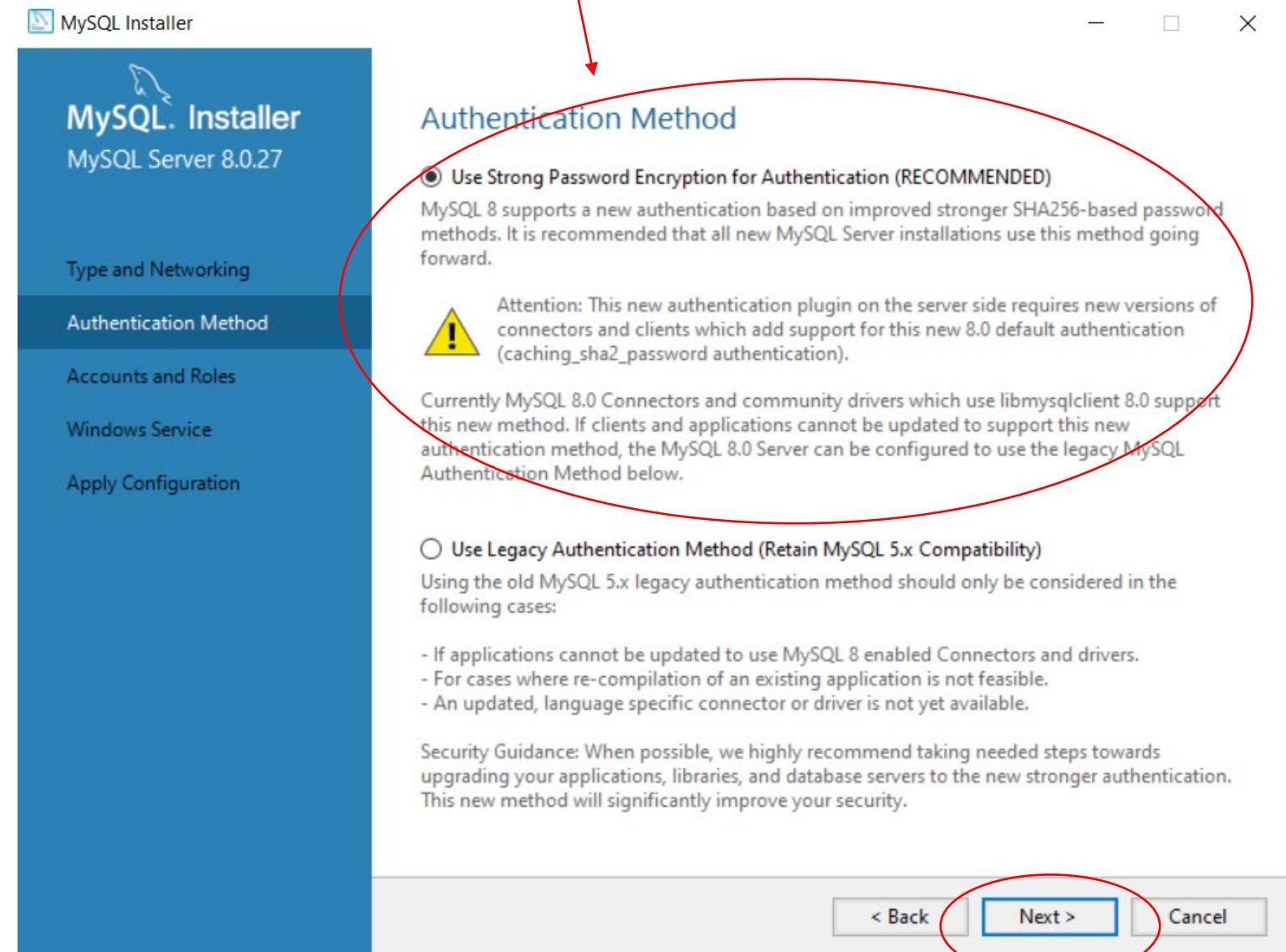


# Microsoft Office – MySQL Installer



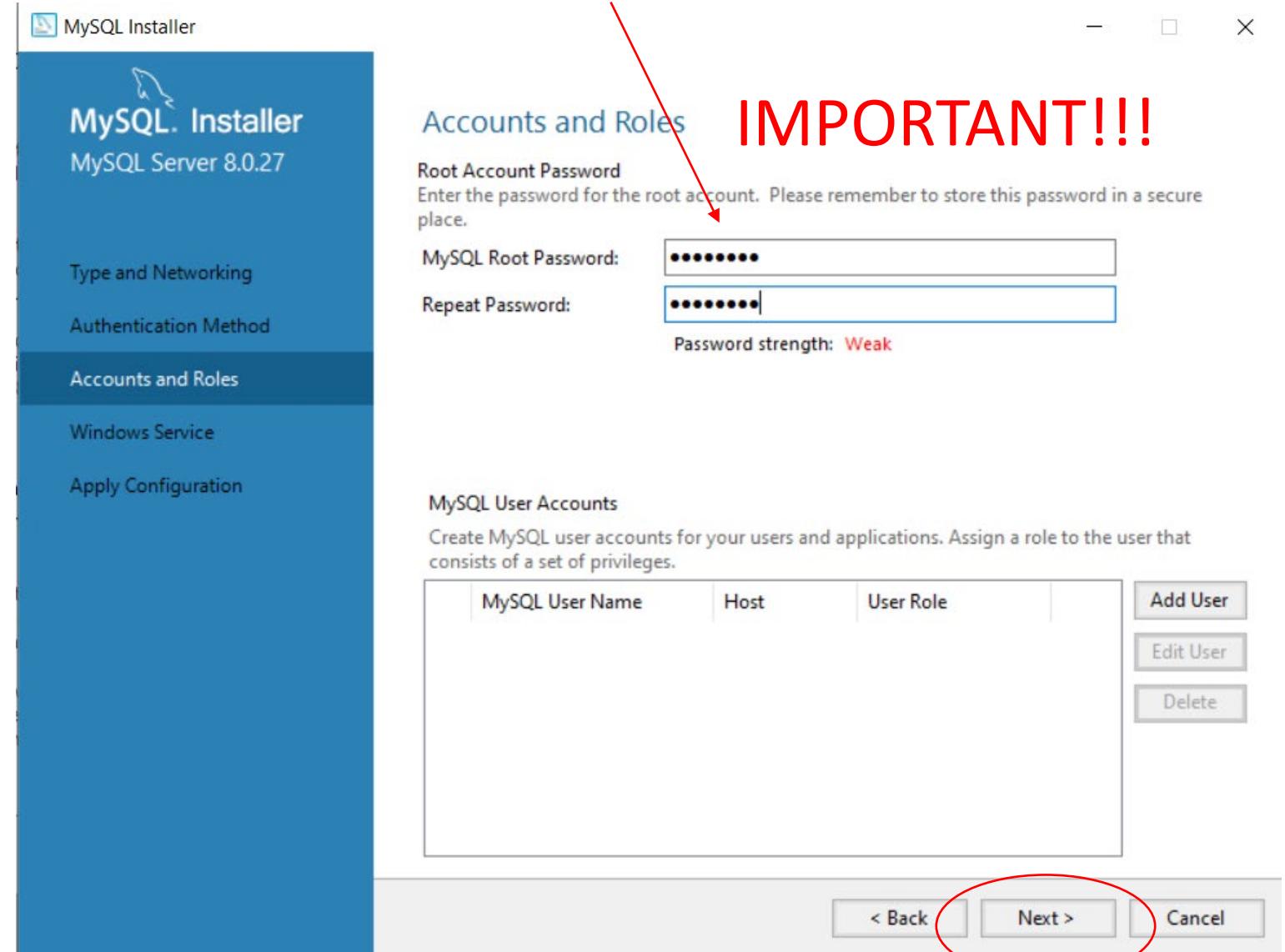
# Microsoft Office – MySQL Installer (MOST IMPORTANT)

**IMPORTANT!!!**

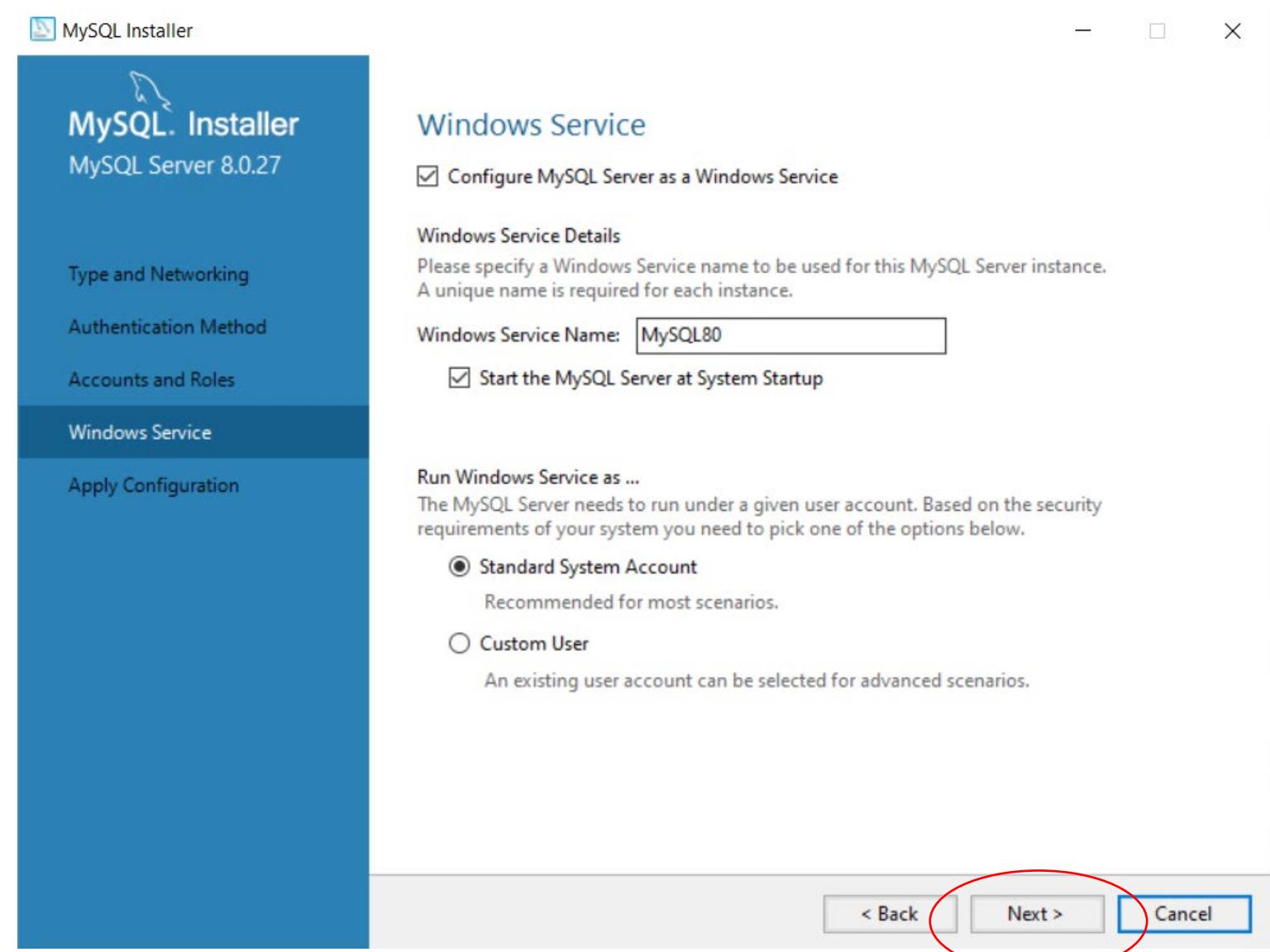


# Microsoft Office – MySQL Installer (MOST IMPORTANT)

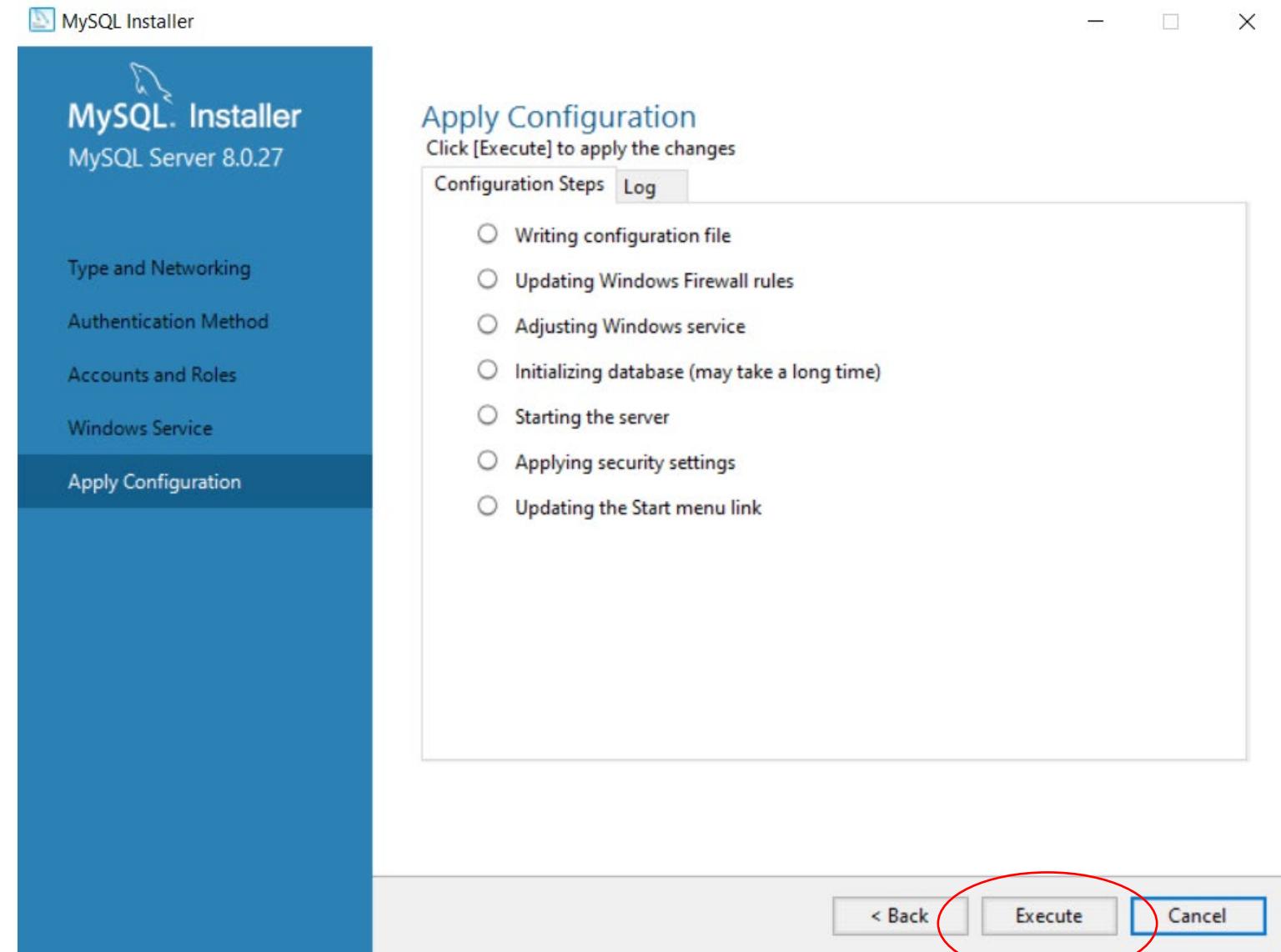
Write “1234pass” or whatever you want but please remember this password for later



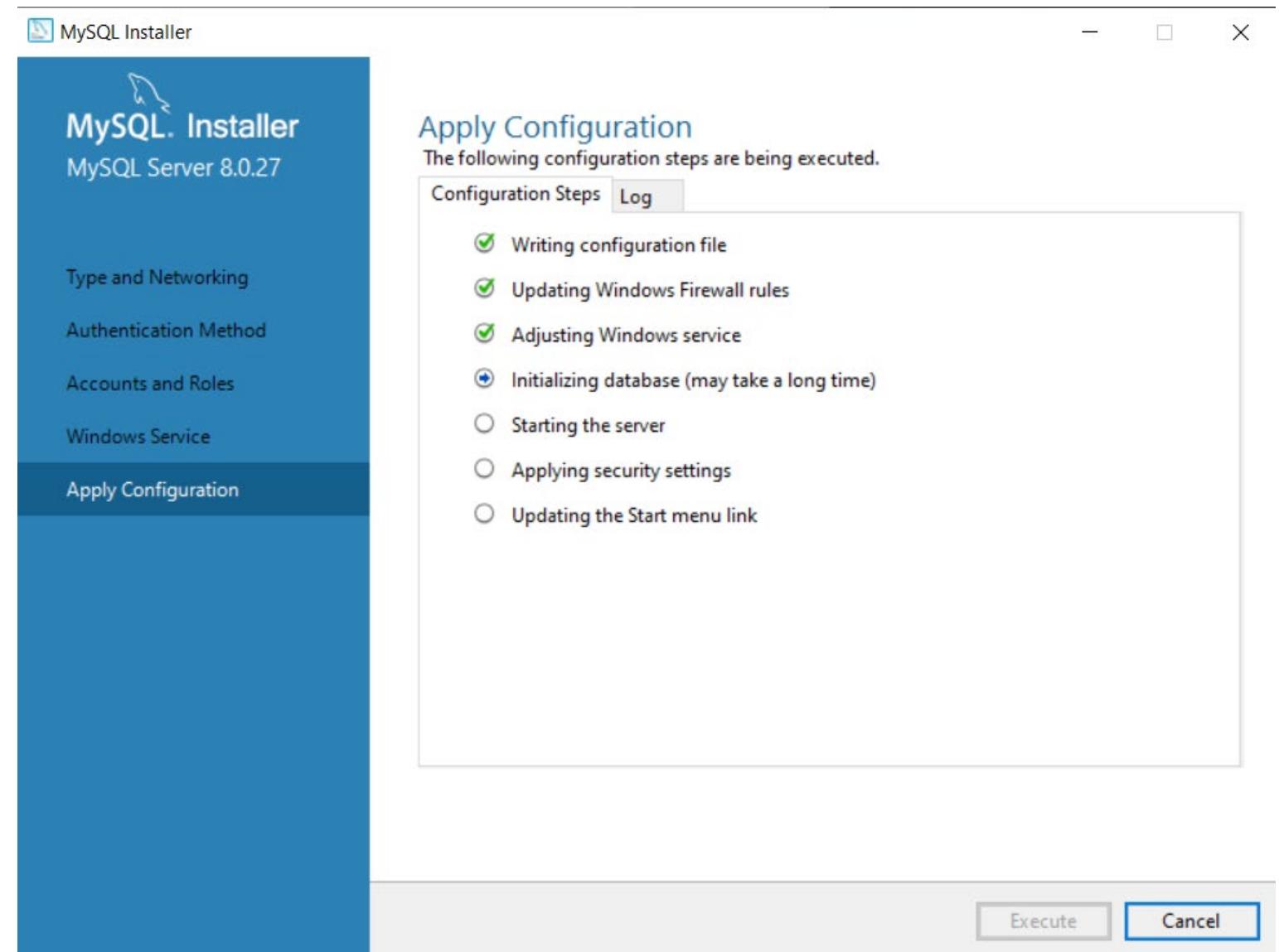
# Microsoft Office – MySQL Installer



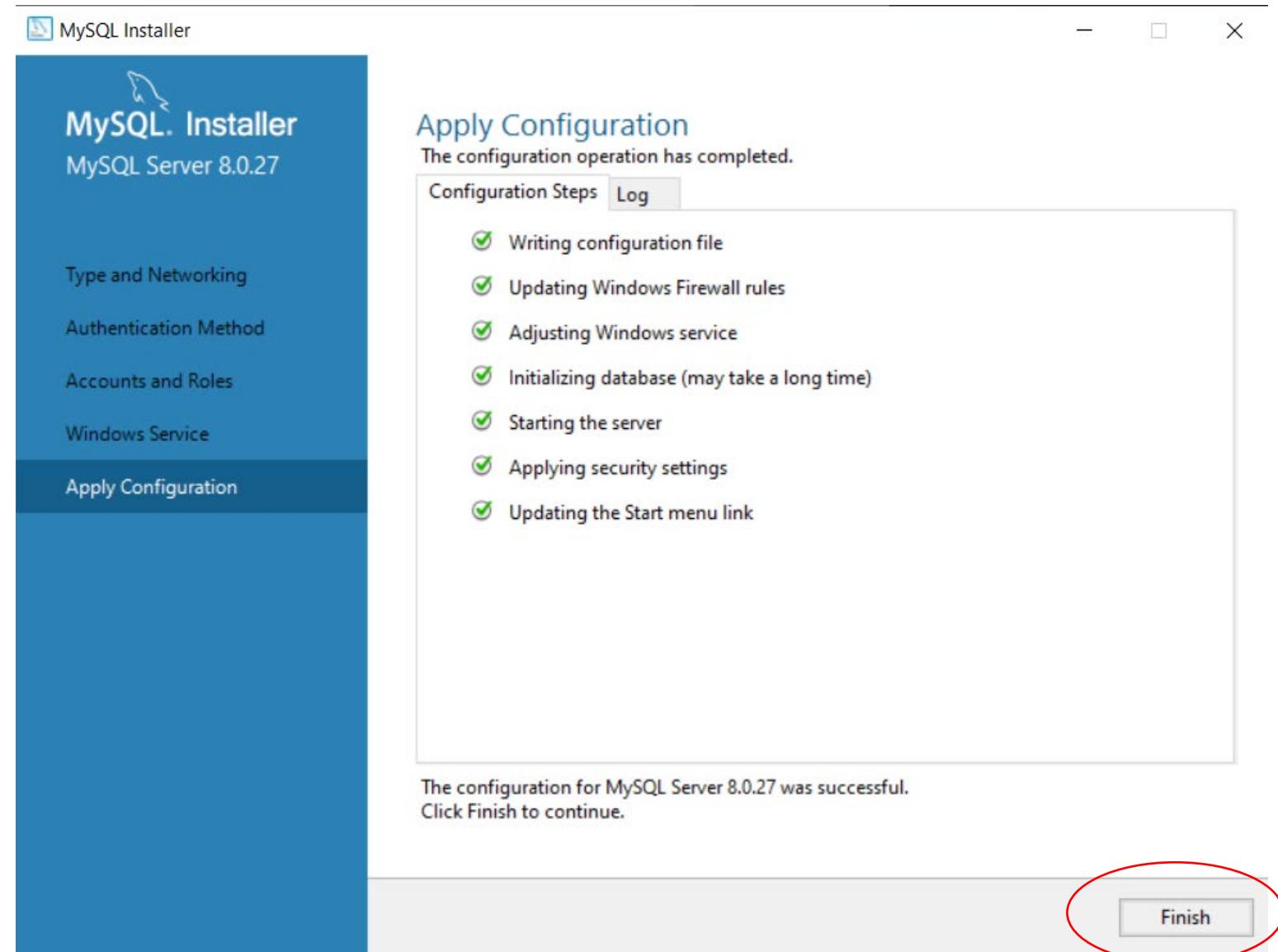
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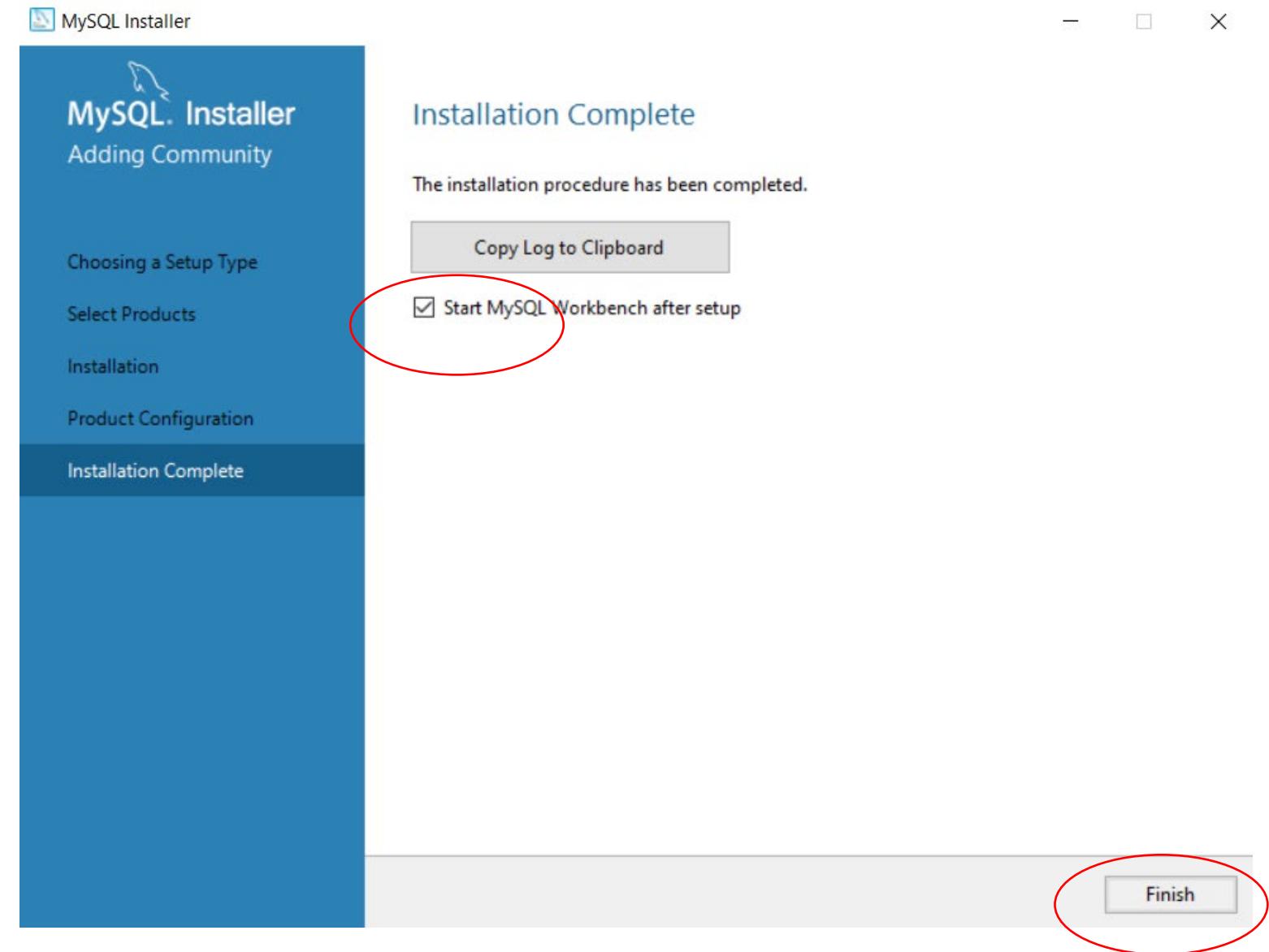
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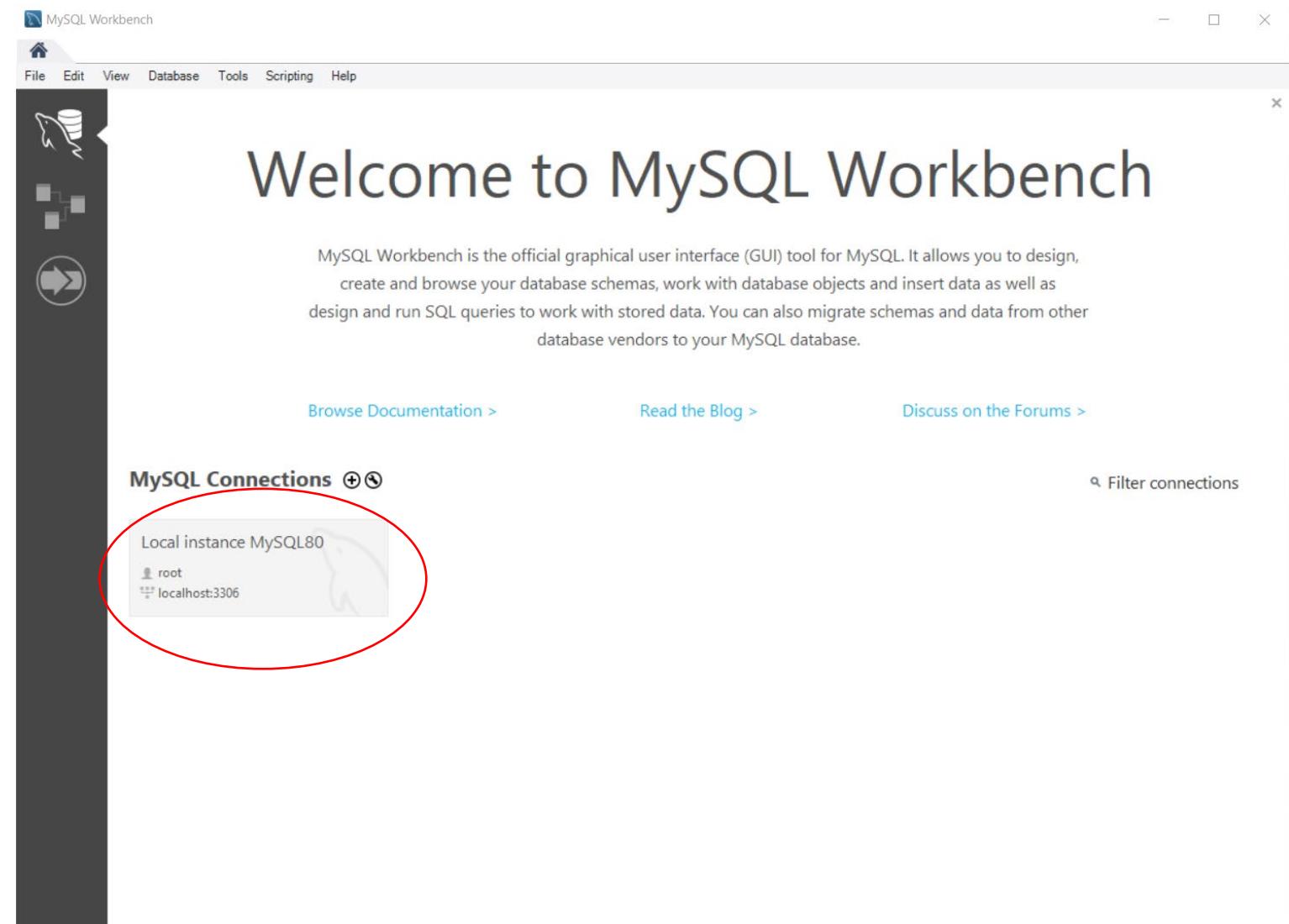
# Microsoft Office – MySQL Installer



# Microsoft Office – MySQL Installer

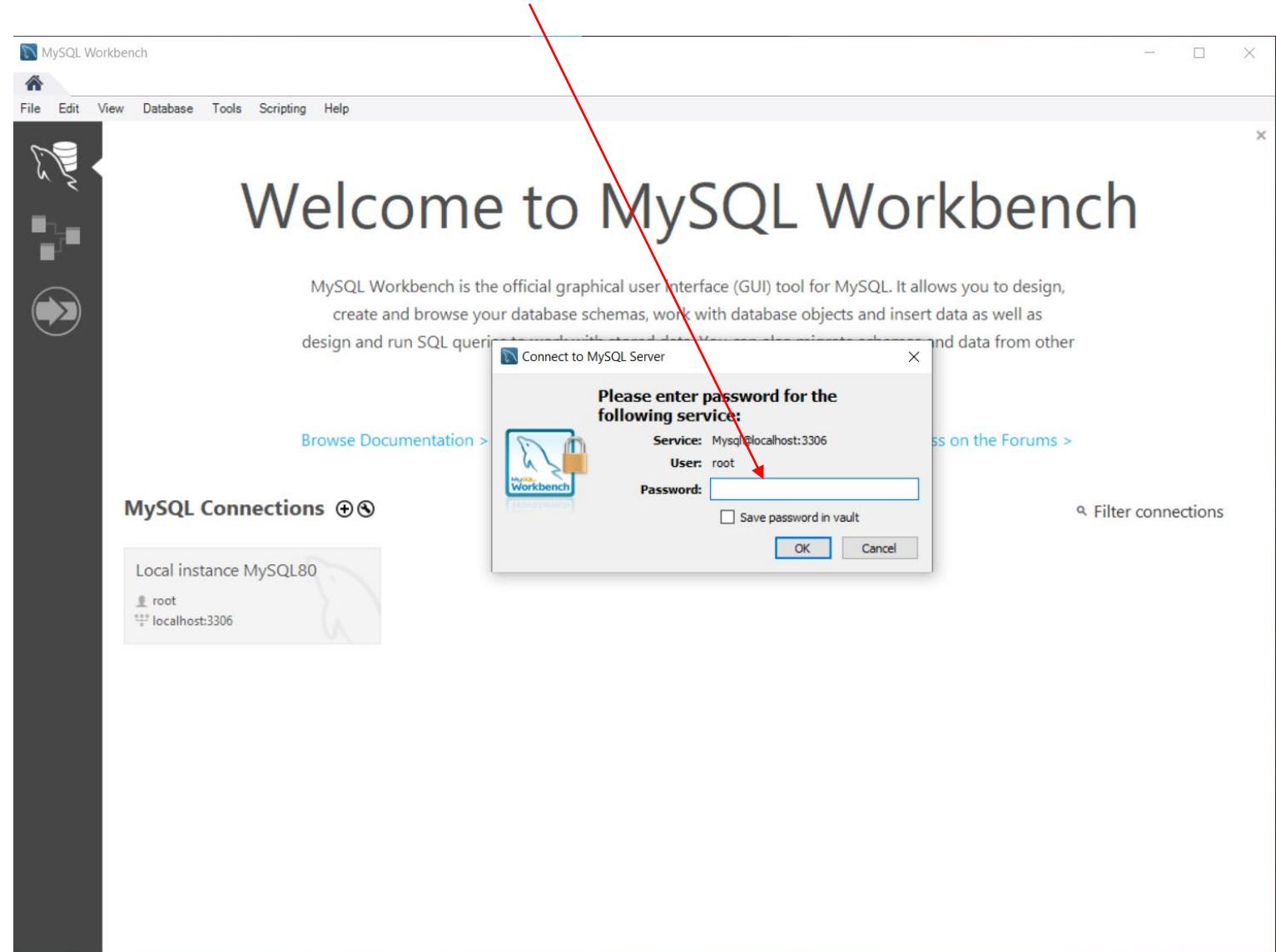


# Microsoft Office – MySQL Installer



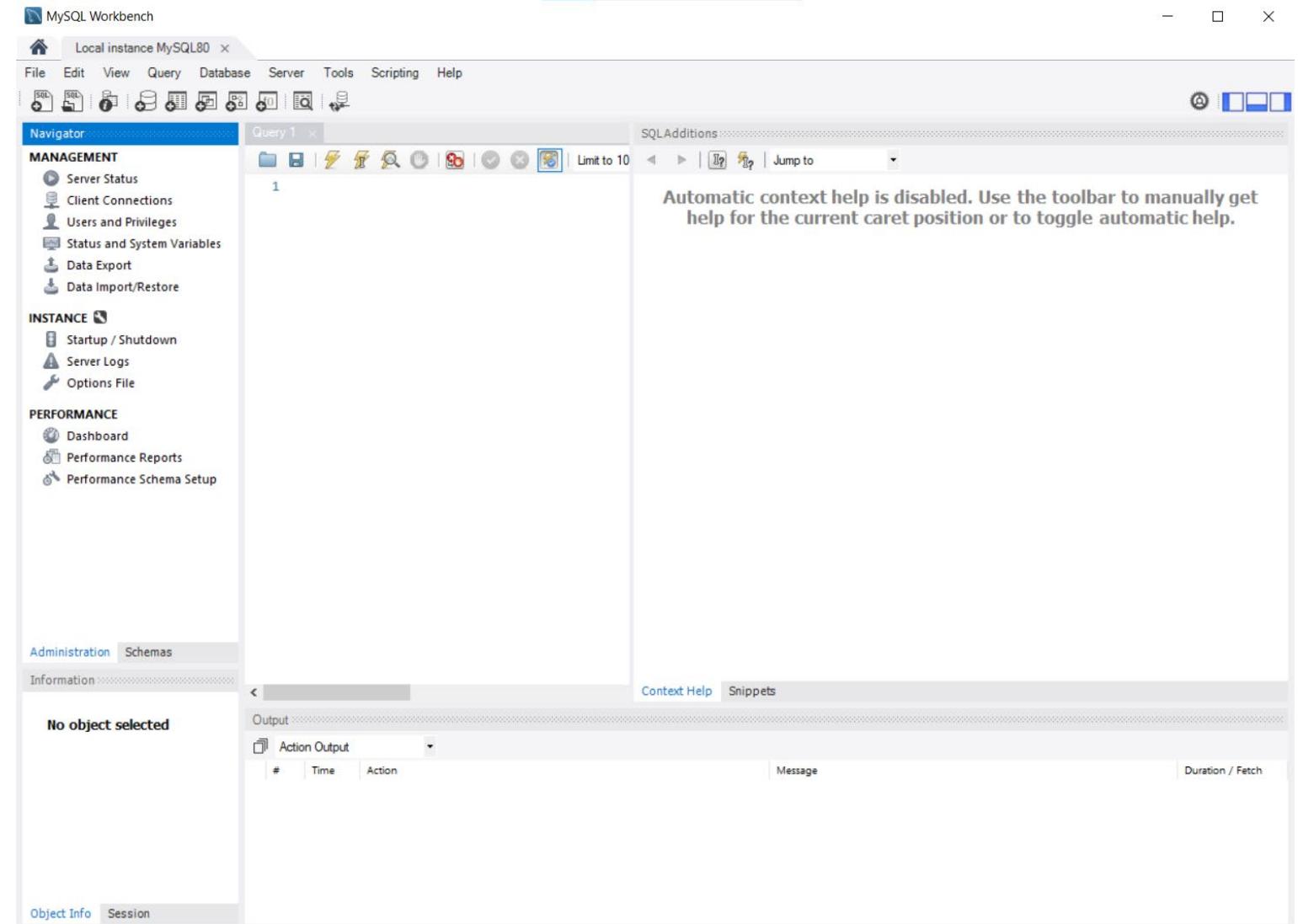
# Microsoft Office – MySQL Installer

Password that you made or “1234pass”



# Microsoft Office – MySQL Installer

This is what you should see, you can close it now



# DataGrip

# Student Account available (optional)

https://www.jetbrains.com/community/education/#students

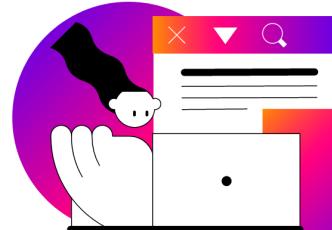
JET BRAINS

Developer Tools Team Tools Learning Tools Solutions Store Search Cart

Free License Programs Academic Licensing Open Source User Groups Events Partnership Developer Recognition

## Free Educational Licenses

Learn or teach coding with best-in-class development tools from JetBrains!



For students and teachers For schools and universities For training courses and bootcamps

### Individual licenses for students and teachers

Get free access to all JetBrains IDEs for personal use at school or at home.

#### Who can get free individual licenses for education

Students and faculty from accredited educational institutions (high schools, colleges, and universities) are welcome to apply.

Students need to be enrolled in an accredited educational program that takes one or more years of full-time study to complete.

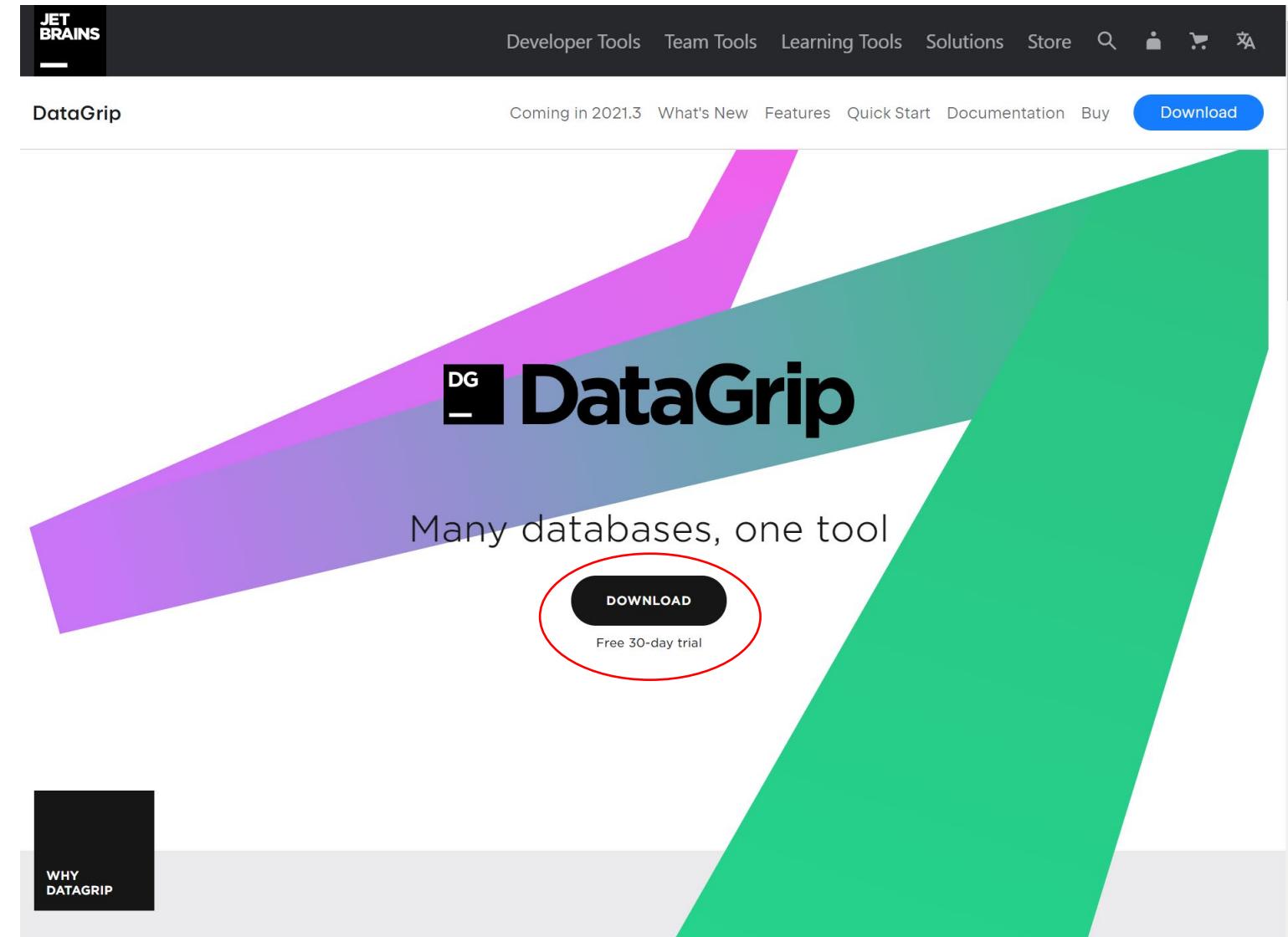
Not sure about the license terms? [Check out the FAQ or read the full terms here.](#)

Apply now

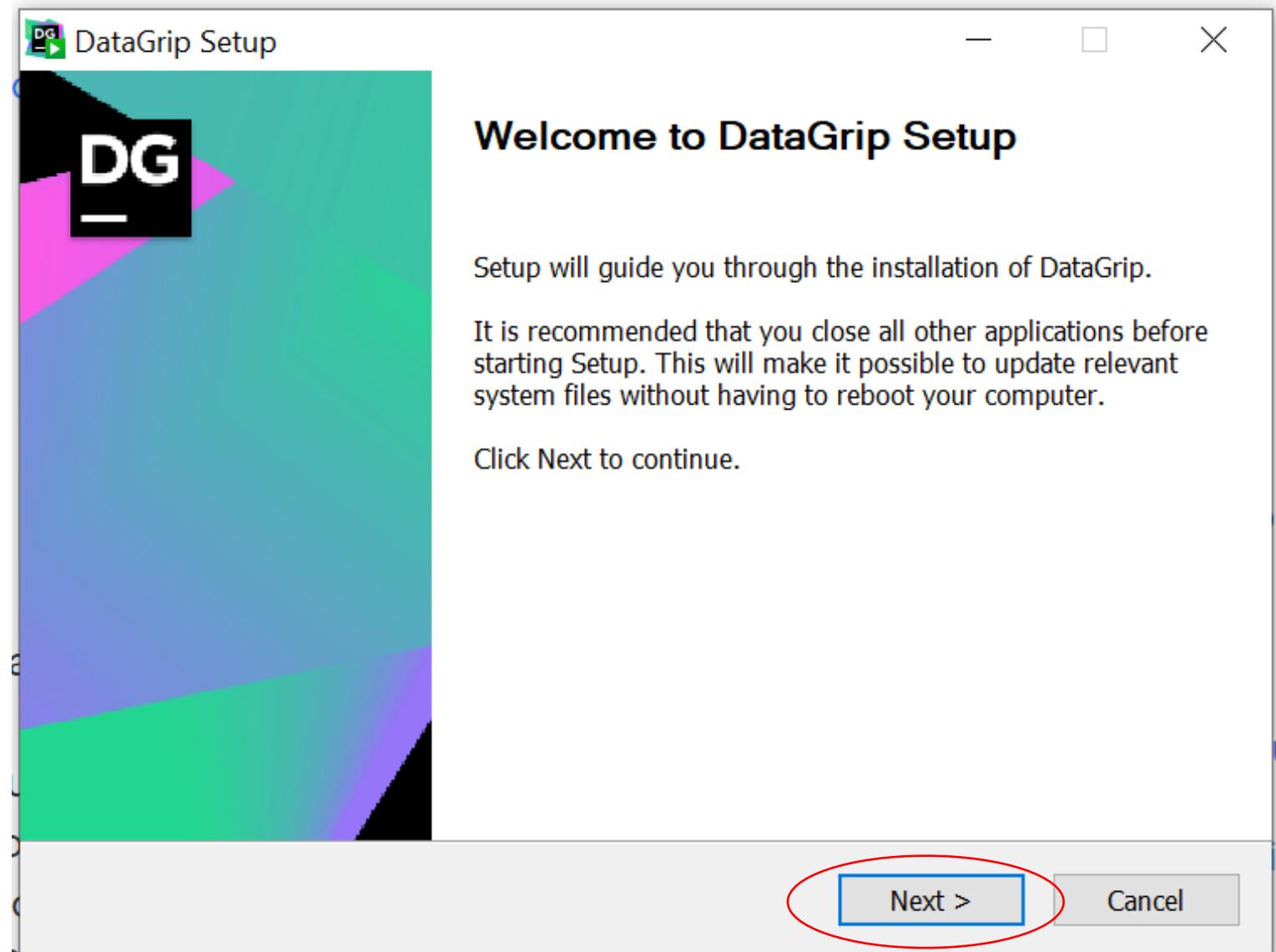
Create your first working application! Start Now for Free

# Microsoft Windows - DataGrip

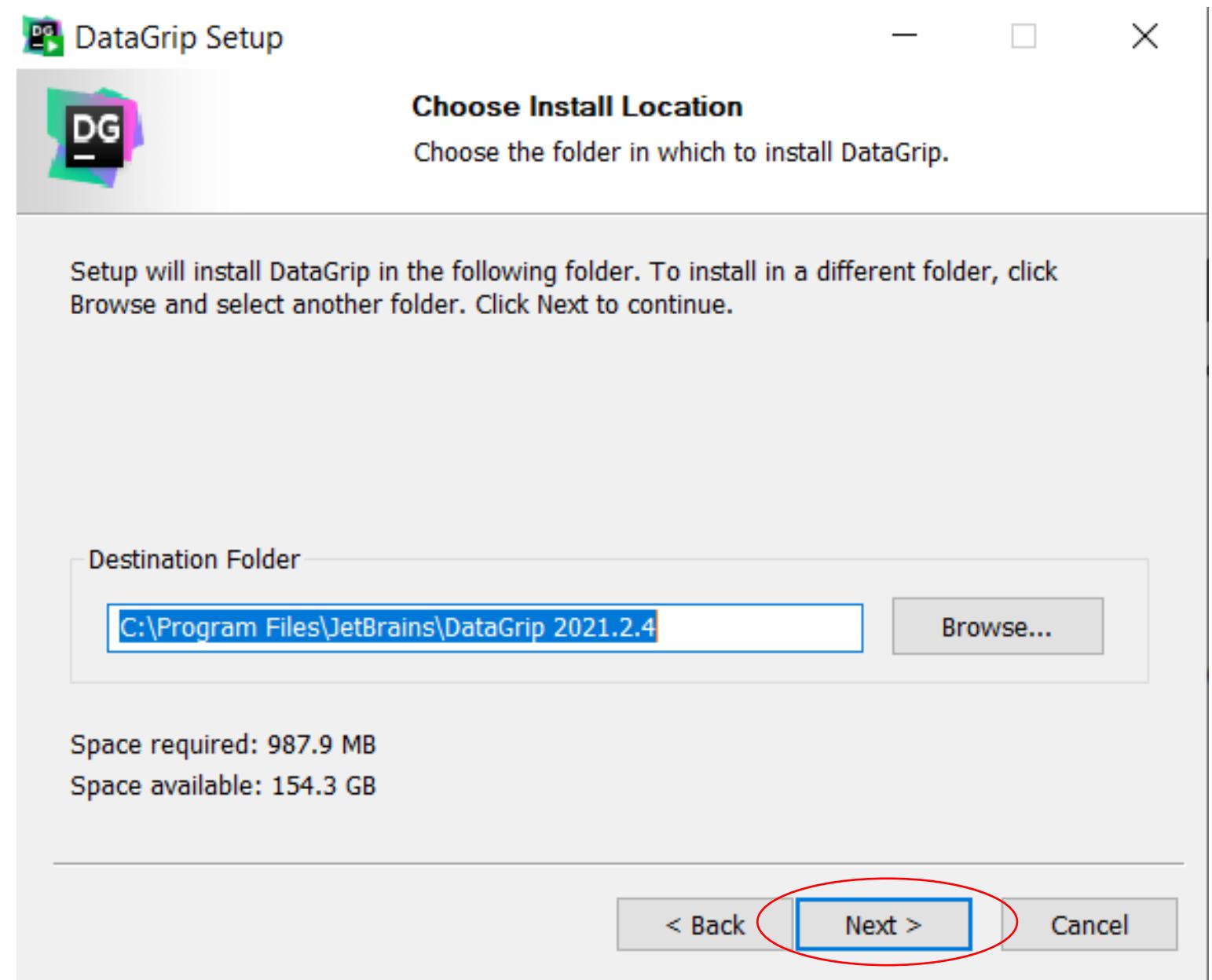
Downloading  
Page, click  
on download



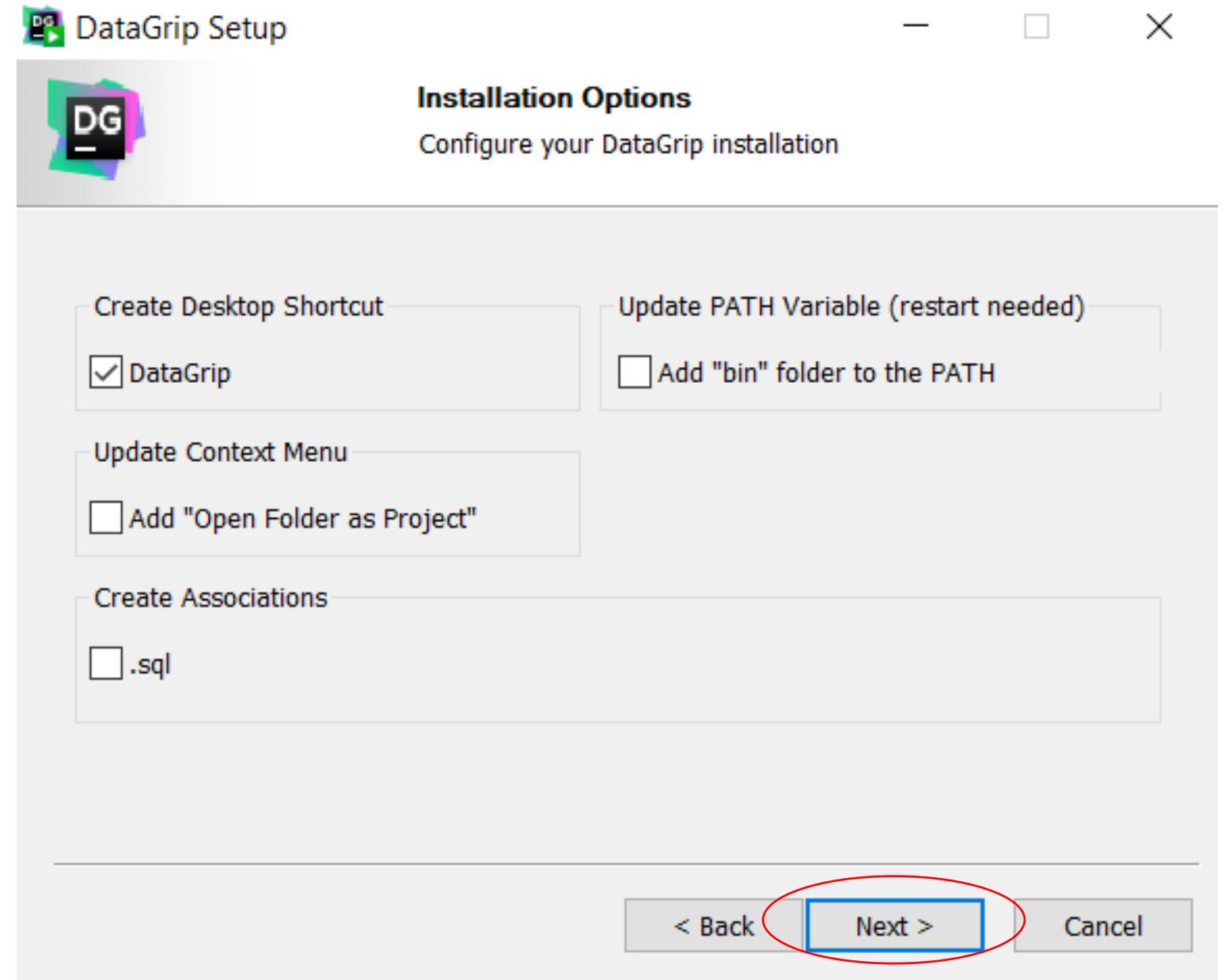
# DataGrip Setup



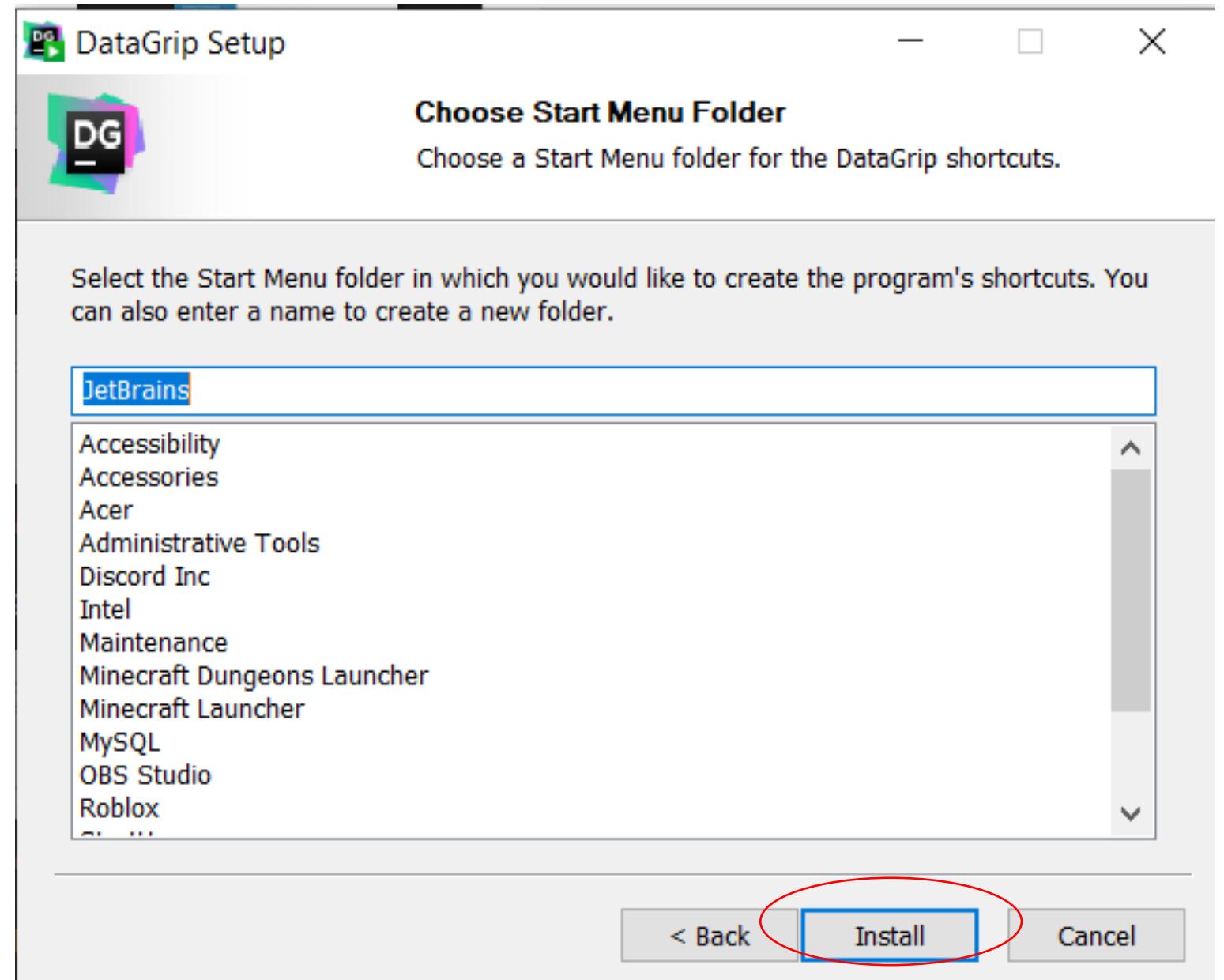
# DataGrip Setup



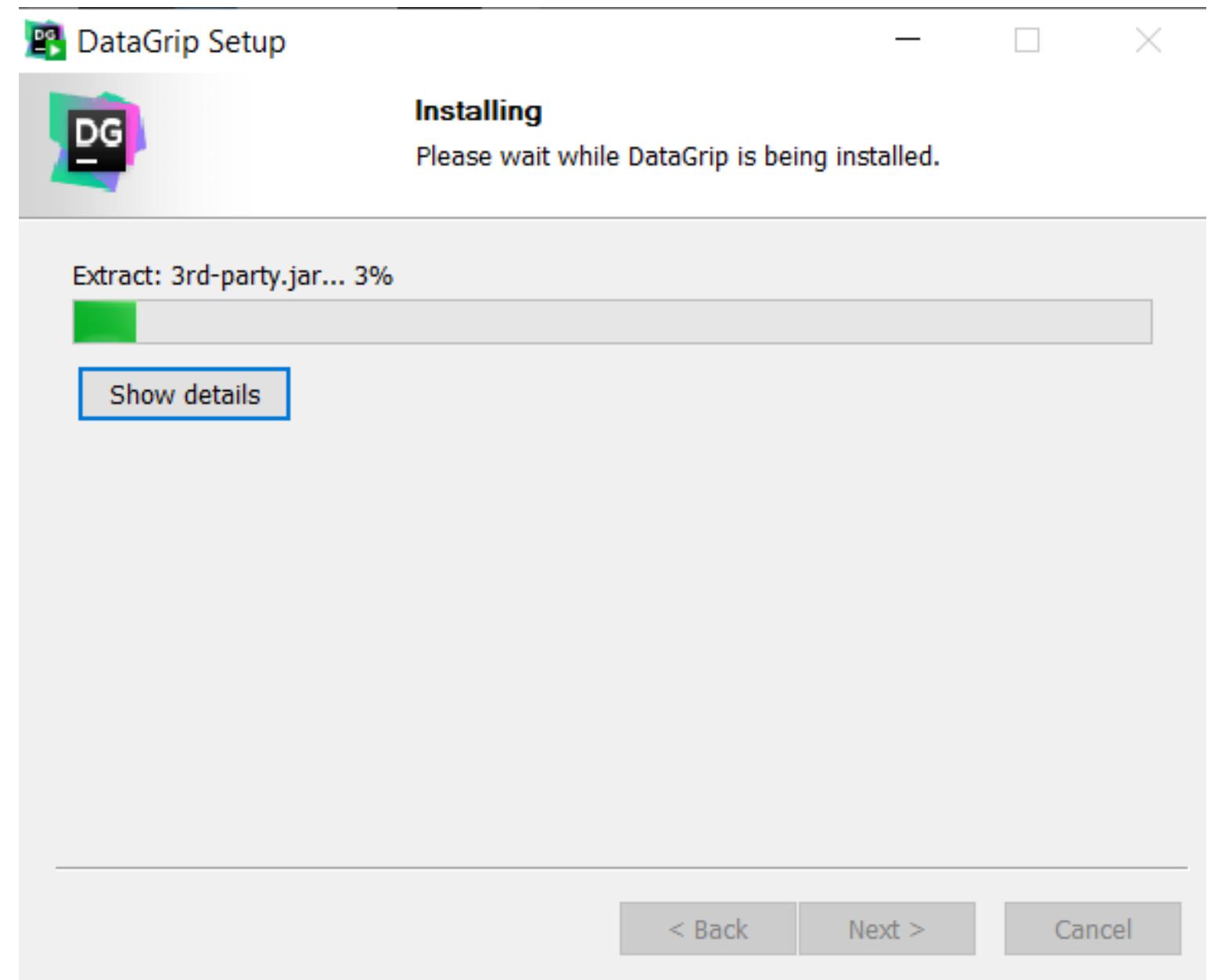
# DataGrip Setup



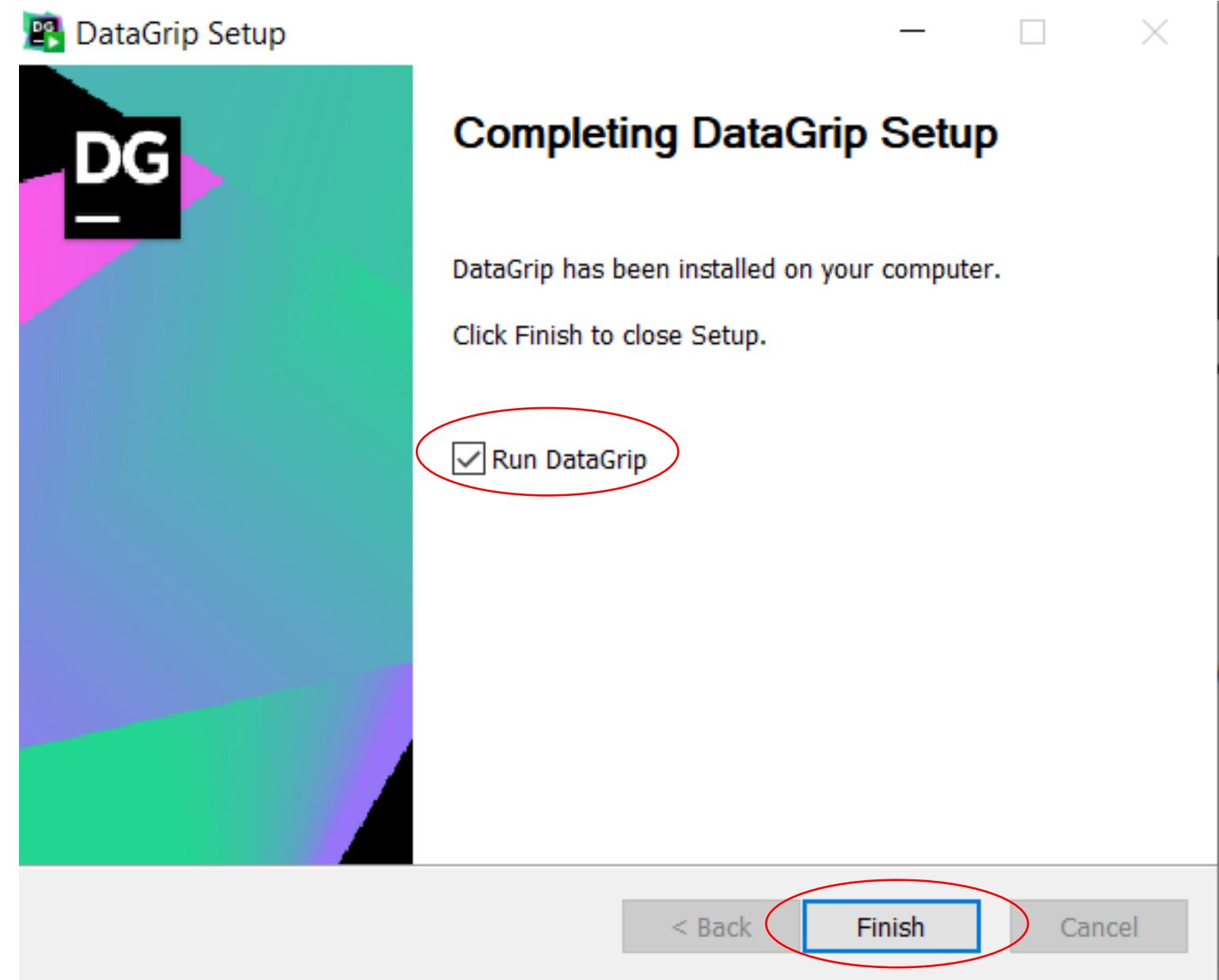
# DataGrip Setup



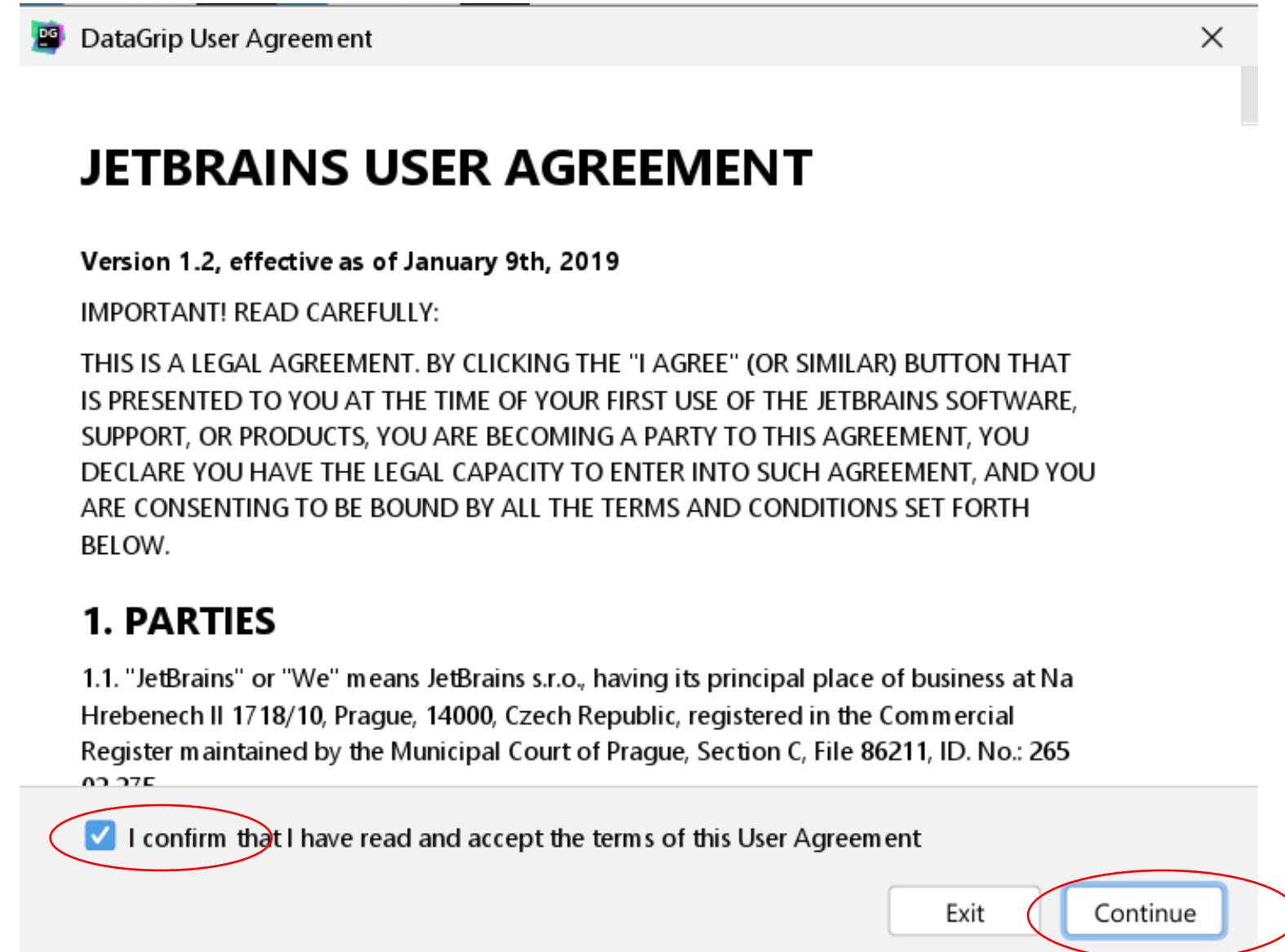
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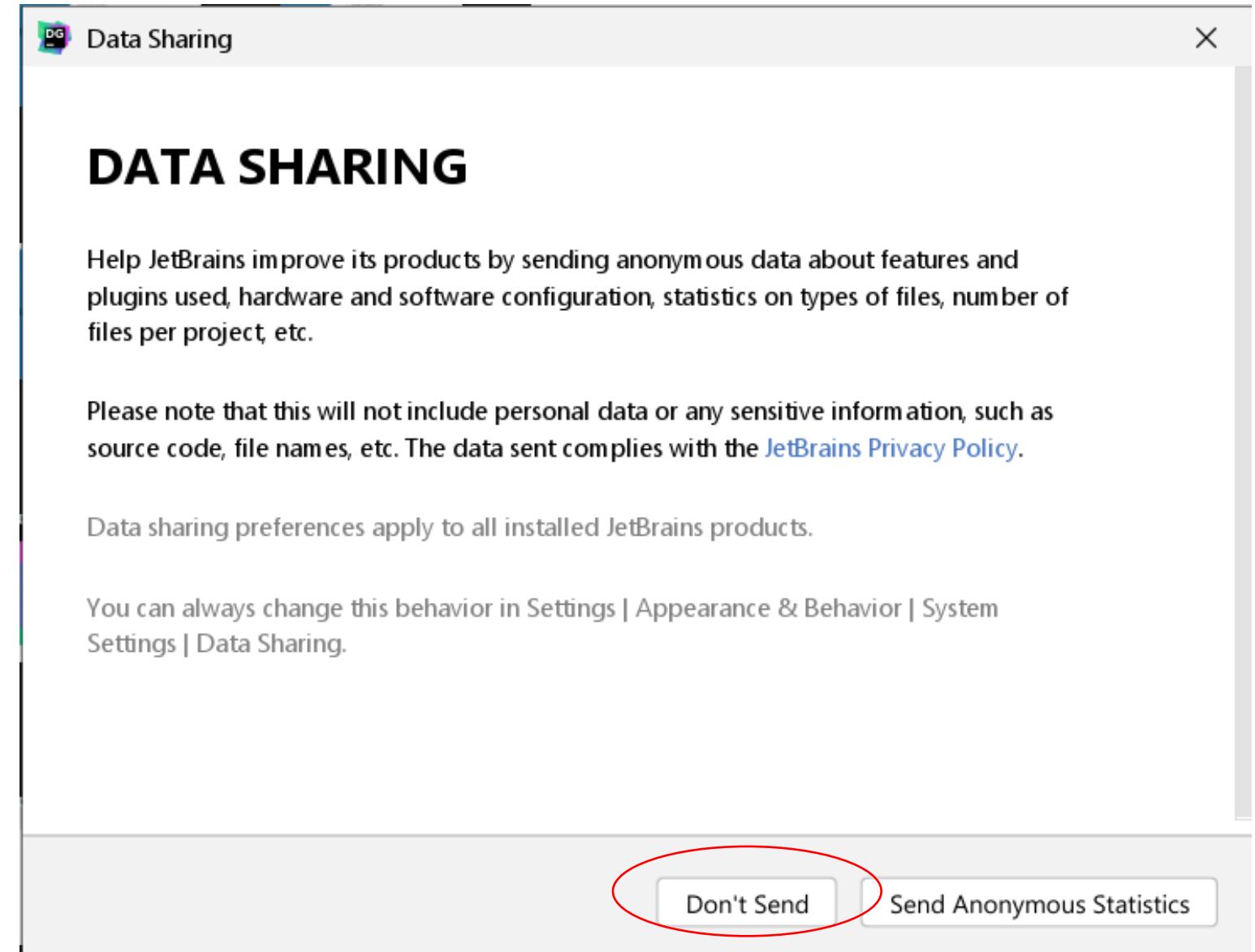
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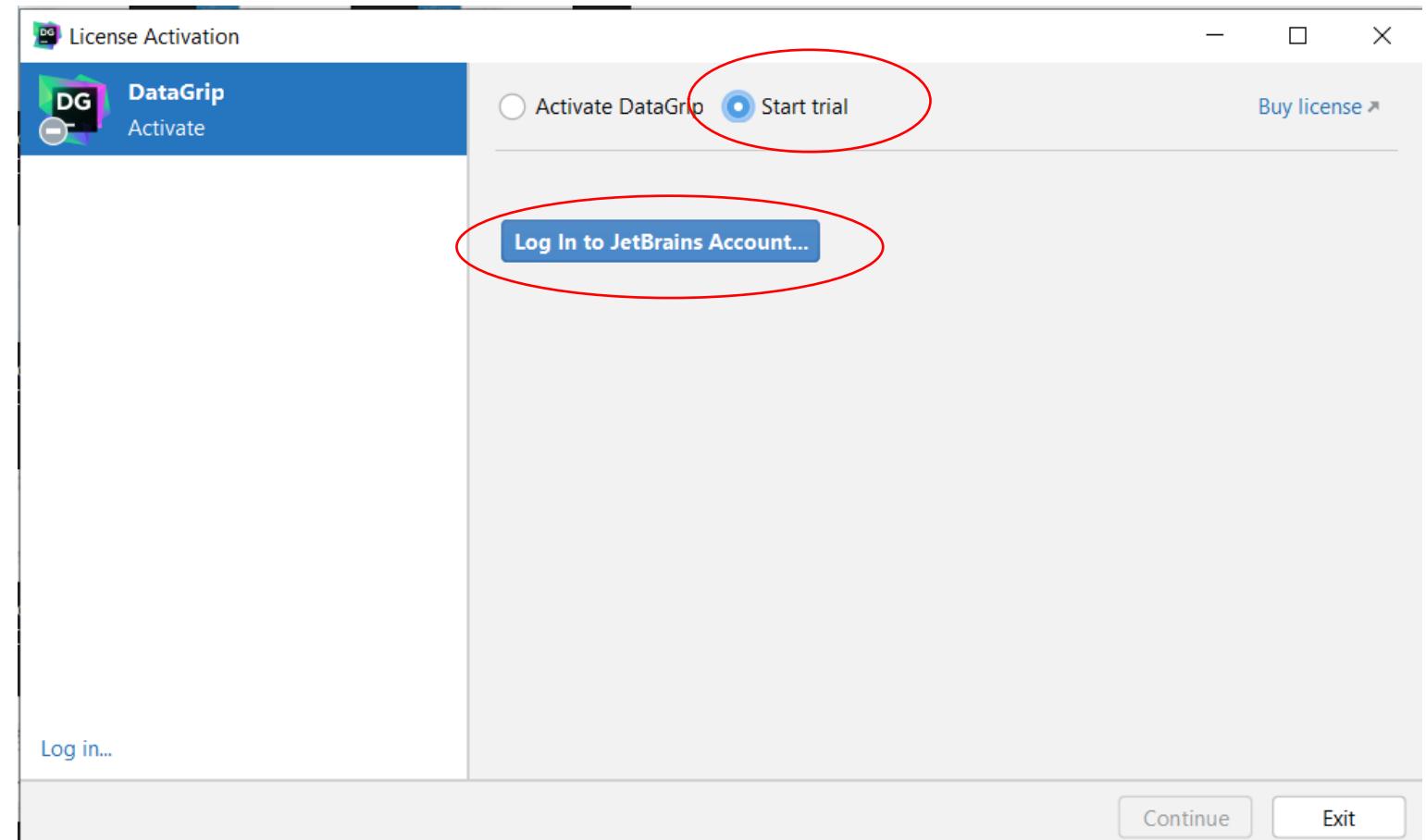
# DataGrip Setup



# DataGrip Setup



# Create Account



# Account Page

The screenshot shows a web browser window for account.jetbrains.com/signup-complete. The page title is "Welcome to JetBrains Account!". A red box highlights the registration form fields: Email Address (placeholder "Your email"), First Name, Last Name, Username, Password, and Repeat Password. Below the form is a checkbox for accepting the JetBrains Account Agreement. A second checkbox for consenting to name, email, and location data is also present. A large blue "Submit" button is circled in red at the bottom left. The right side of the page lists benefits of a JetBrains Account, such as access to purchase history and license management.

Welcome to JetBrains Account!

Please complete the registration form below

Email Address

First Name

Last Name

Username

Latin symbols (A-z), digits (0-9) or a valid email address 5 to 100 characters long.

Password

Repeat Password

I have read and I accept the [JetBrains Account Agreement](#)

I consent to the use of my name, email address, and location data in email communication concerning JetBrains products held or services used by me or my organization. [More](#)

**Submit**

You will receive emails from us in English.  
 Change

You can set preferred language anytime in JetBrains Account.

By using the JetBrains Account website, you agree to the JetBrains Account Agreement. [Review now](#) [Remind me later](#)

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**Support**

# Sign in

The screenshot shows a web browser window titled "JB JetBrains Account". The URL in the address bar is [https://account.jetbrains.com/oauth2/signin?login\\_challenge=b3efe485a4cf494db61ba8ccfb417e80](https://account.jetbrains.com/oauth2/signin?login_challenge=b3efe485a4cf494db61ba8ccfb417e80). The page features the JetBrains logo at the top left. A red rectangular box highlights the main sign-in form, which includes fields for "Username" and "Password", a "Sign In" button, and a "Forgot password?" link. Below the sign-in form is a section titled "Or sign in with:" containing icons for Google, GitHub, Bitbucket, and Docker. At the bottom of the page, there is a footer with links for "Review now" and "Remind me later" regarding the account agreement, and a copyright notice: "Copyright © 2000-2021 JetBrains s.r.o. | Help | Support | JetBrains Privacy Policy | JetBrains Account Agreement | Build #2021.11-2617". On the far right, there is a "Support" button.

JB JetBrains Account

https://account.jetbrains.com/oauth2/signin?login\_challenge=b3efe485a4cf494db61ba8ccfb417e80

JET BRAINS

Sign In Create Account

Username

Password

Sign In Forgot password?

Or sign in with:

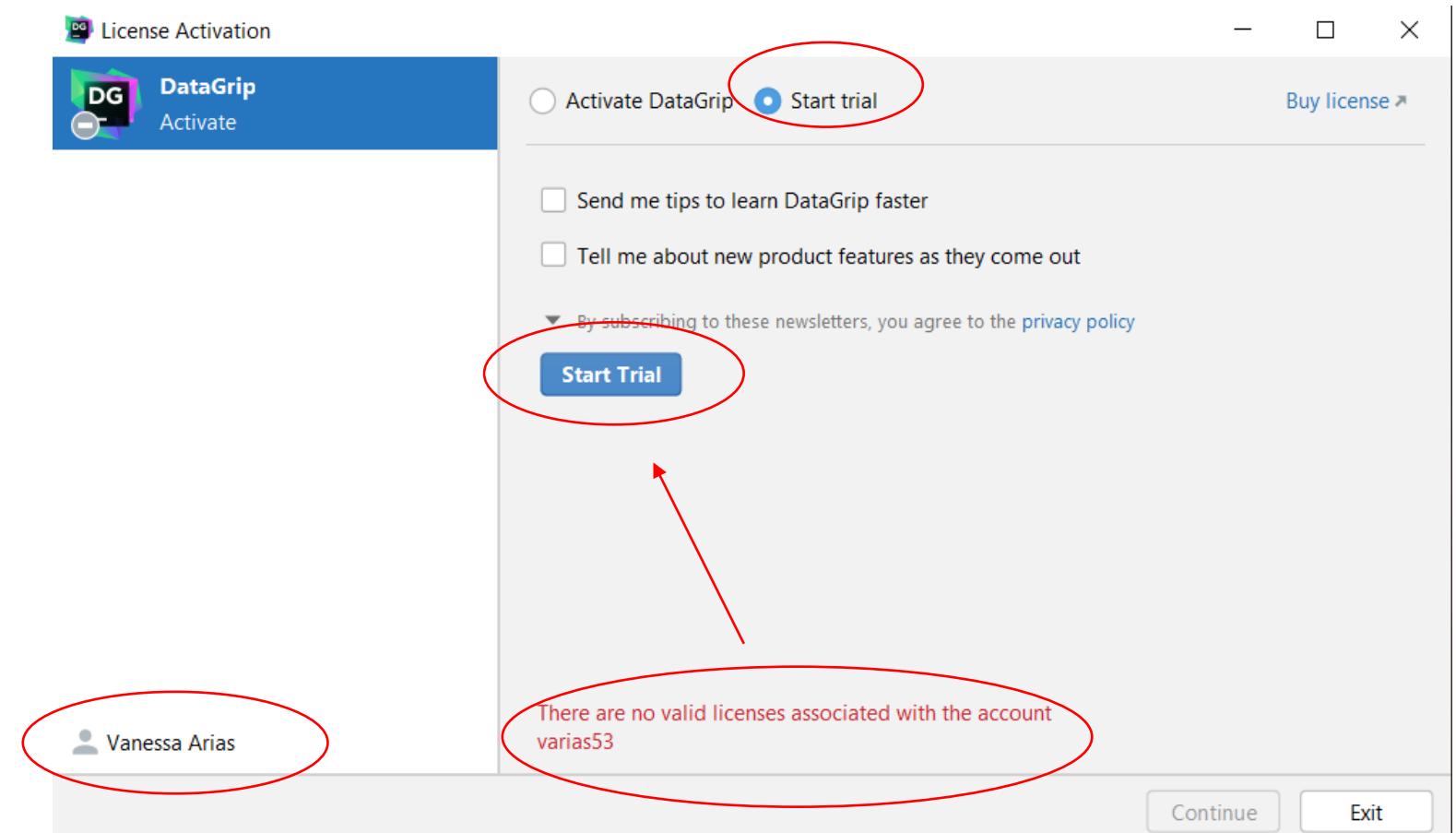
Google GitHub Bitbucket Docker

By using the JetBrains Account website, you agree to the JetBrains Account Agreement. [Review now](#) [Remind me later](#)

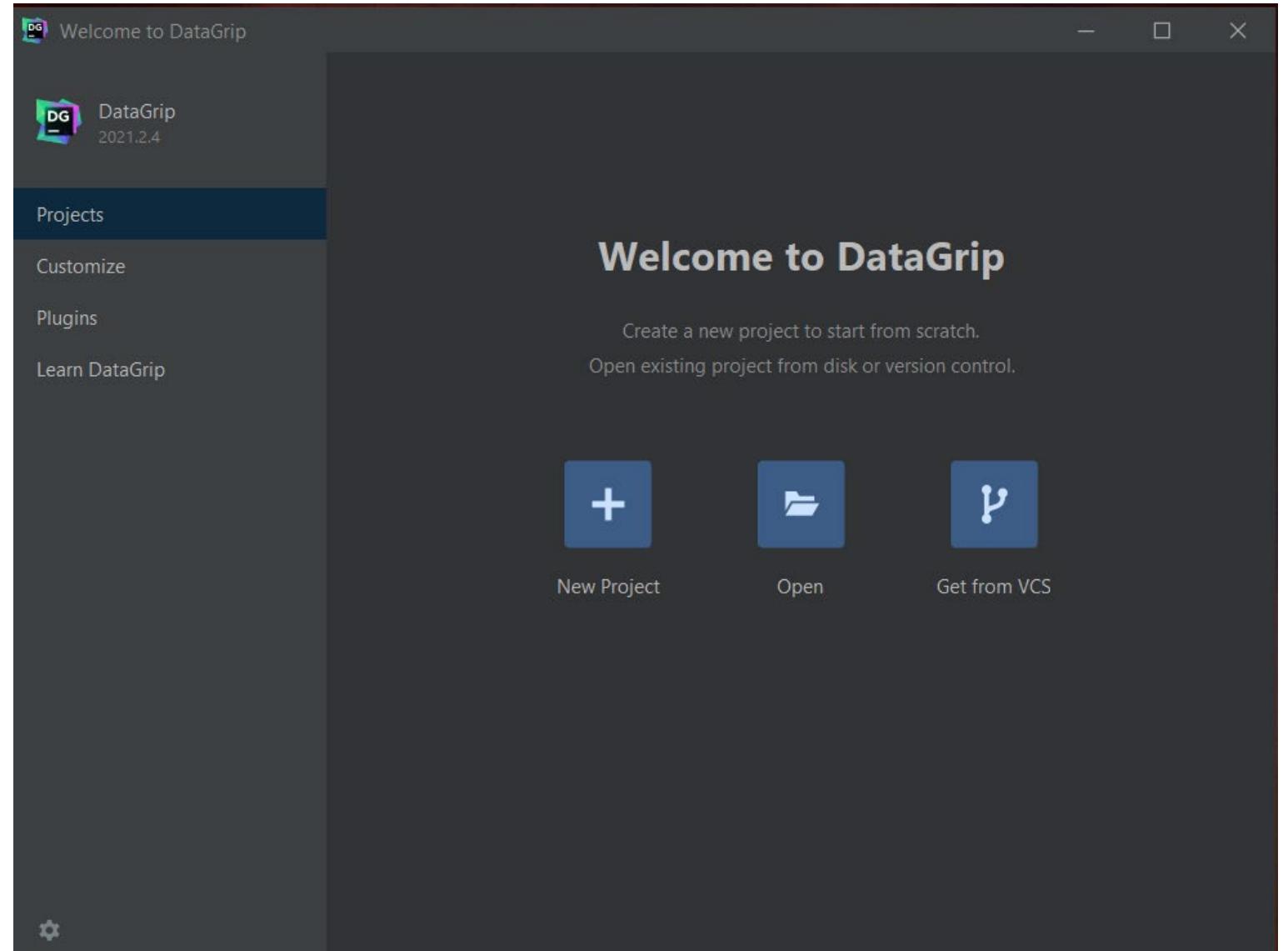
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Support

# DataGrip Setup



# What you should see



A large, semi-transparent dark blue circle is positioned on the left side of the slide, overlapping the text area.

# Workshop ready

- Make sure to bring:
  - Computer
  - DataGrip downloaded and setup